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April 9, 2012

Via Certified Mail – Return Receipt Requested
(7010 0780 0002 0477 1770)

Michael Mintzer
Assistant Regional Counsel
New York/Caribbean Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway, 17th Floor
New York, NY 10007-1866

Re: Newtown Creek Superfund Site, Kings County and Queens County, New York
Request for Information Pursuant to the Comprehensive Environmental Response,
Compensation and Liability Act, 42 U.S.C. §§ 9601-9675
Response of Harsco Corporation

Dear Mr. Mintzer:

On December 21, 2011, a letter was sent, addressed to Harsco Corporation (“Harsco”). A revised letter was sent on January 9, 2012, although the revised letter retained the original December 21, 2011 date. In the letters, the United States Environmental Protection Agency (“U.S. EPA”) requested information relating to the Newtown Creek Superfund Site, Kings County and Queens County, New York, New York (“the Site”) under the authority of Section 104(e)(2) of CERCLA, 42 U.S.C. 9604(e)(2) (“the Statutory Section”). We are attorneys for Harsco in this matter. The purpose of this letter and the enclosed materials is to respond to the request.

By exchange of emails, we agreed that the date for Harsco's response to EPA's request for information relating to the Newtown Creek Superfund site shall be the close of business on April 9, 2012

While Harsco desires to cooperate with U.S. EPA in its investigation of this matter, Harsco also wishes to point out that it is not liable or otherwise responsible for the alleged releases of hazardous substances at the Site. Therefore, Harsco intends to preserve all privileges, rights and protections to which it is entitled. To that end, Attachment A sets out certain objections in order to preserve the right to object, in any proceeding, to the admission of any evidence or information protected by such privileges, rights and protections. As requested, Harsco will, without waiving any of its privileges, rights or protections, nevertheless provide the requested information to the best of its ability. By providing this response, Harsco does not admit any fact alleged in the requests, and does not agree that the Statutory Section authorizes each and every request and instruction contained in the request.

Harsco has made a good faith effort to gather the large amount of information requested within the time available. Harsco is providing the information which it could gather within that time; the attached represents the information identified as of the date of the attached Certification of Answers to Request for Information. Harsco's search for responsive information is ongoing and Harsco will supplement this response in the event that additional responsive information is discovered.

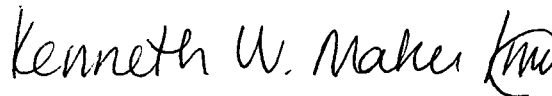
The Response consists of the following parts:

1. This letter;
2. Attachment A, General Objections;
3. Harsco Corporation's General and Specific Responses; and
4. An enclosed CD containing documents in electronic form in folders corresponding with the request for which the document was included.

It should be apparent from a review of this response that Harsco is not responsible for any significant amount of contamination at the Site, if it is responsible for any at all, which Harsco denies. Harsco did not operate any chemical or petroleum processes; nor did it generate large quantities of hazardous waste. In fact, we are unaware of any evidence of any release of hazardous substances from the Facility during Harsco's time there. We look forward to working with U.S. EPA to resolve any questions it may have as to the Harsco. A determination that Harsco is not a responsible party will enable U.S. EPA to direct its attention and resources toward the parties who are actually responsible, thus facilitating a response to the environmental issues at the Site.

Please direct any further correspondence concerning this matter to the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Kenneth W. Maher" followed by a stylized monogram or flourish.

Kenneth W. Maher

KWM:mke
Enclosures

Cc: Caroline Kwan,
Remedial Project Manager,
New York Remedial Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

ATTACHMENT A
GENERAL OBJECTIONS TO REQUEST FOR INFORMATION
NEWTOWN CREEK SUPERFUND SITE

The Harsco Corporation ("Harsco") asserts and preserves the following General Objections to the Requests addressed to Harsco Corporation.

1. Harsco objects to the Requests to the extent that they exceed the subjects of inquiry authorized by Section 104(e) of CERCLA.
2. Harsco objects to the Requests to the extent that they purport to require Harsco to investigate or acquire information not within Harsco's control. The Statutory Section does not authorize U.S. EPA to require the conducting of such investigations.
3. Harsco objects to the Requests to the extent that they require Harsco to produce information or documents which are not relevant or material.
4. Harsco objects to the Requests to the extent that they call for any information protected by privilege, including, without limitation, the attorney-client privilege, work product doctrine, or documents or materials prepared in anticipation of litigation or for trial which are outside the scope of discovery permitted by the Federal Rules of Civil Procedure, each such privilege or protection is hereby asserted, and is not waived.
5. Harsco objects to the Requests to the extent that they require Harsco to provide information the gathering of which is unduly burdensome or information which is already within the possession of U.S. EPA.
6. Harsco objects to the Requests to the extent that they are ambiguous, vague, compound requests or otherwise make responding difficult or impossible.
7. Harsco objects to the Requests to the extent that they call for conclusions of law.
8. Harsco objects to the Requests to the extent that they assume facts that have not been established or are based on assumptions that are not supported by the facts.
9. Harsco objects to the Requests to the extent that they call for opinions rather than facts, or require speculation by Harsco.

**HARSCO CORPORATION'S RESPONSE TO
REQUEST FOR INFORMATION
NEWTOWN CREEK SUPERFUND SITE**

GENERAL RESPONSES AND INFORMATION

1. *As will be explained in the specific responses below, Harsco Corporation ("Harsco") acquired the property which constitutes the Facility (as defined in the Request) in 1965 and also acquired substantially all of the assets of the former Irving Subway Grating Co., Inc. which had operated at the Facility. The passage of time has made it very difficult for Harsco to acquire information concerning the prior operations, the acquisitions and Harsco's use of the Facility.*
2. *From 1965 until 1997, Harsco understands that the Facility was used for the fabricating of steel grating. Harsco has been unable to determine the identity of any of the persons who were employed in the fabricating operations at the Facility during that time. Harsco has also been unable to locate any documents relating to the operations at the Facility during that period. Therefore, Harsco has no actual knowledge of specific facts relating to the operations during that period.*
3. *From approximately 1997 until 2008, Harsco used the Facility for storage of scaffolding. Harsco has been unable to determine the identity of any of the persons who were employed at the Facility during that time. Harsco has also been unable to locate any documents relating to the operations at the Facility during that period. Therefore, Harsco has no actual knowledge of specific facts relating to the operations during that period.*
4. *As is documented in the specific responses below, Harsco sold the Facility on or about August 25, 2008. Harsco has no actual knowledge of the use of the Facility or the operations conducted at the Facility since that date.*
5. *"See attached" or other references to documents being produced in response to a request refers to documents which have been provided in electronic form on the CD which is enclosed with these Responses. The documents are contained in folders with the number of the particular request for which the document was produced.*
6. *Harsco's responses are set out in italics so that they may be more easily distinguished from the Requests.*

SPECIFIC RESPONSES

Section 1.0 Company Information

1. Company Identification: Provide the following information with respect to the Company.

a. The full legal, corporate name and mailing address.

*Harsco Corporation
Corporate Headquarters
350 Poplar Church Road
Camp Hill, PA 17011*

b. The state and date of incorporation, the date of qualification to do business in the State of New York, and the agents for service of process in the state of incorporation and in New York State.

Harsco Corporation was incorporated in Delaware on February 28, 1956. Harsco's Certificate of Authority in New York State (see attached) is dated March 29, 1956. The agent for service of process in New York is:

*C T Corporation System
111 Eighth Avenue
New York, NY 10011 (New York Co.)*

*The agent for service of process in Delaware is:
The Corporation Trust Company
Corporation Trust Center
1209 Orange Street
Wilmington, DE 19801 (New Castle Co.)*

c. The Chief Executive Officer or other presiding officer of the entity and the mailing address of that officer.

*Henry W. Knueppel, Interim Chairman & CEO
350 Poplar Church Road
Camp Hill, PA 17011*

d. If the Company is a successor by merger, acquisition or other activity to any other entity, identify each such entity and describe the nature of the succession. Please provide purchase and sale documents that related to such merger, acquisition or other activity including any indemnities associated with such activity.

Harsco has been involved in many mergers during its corporate life, but we understand this Request to concern only mergers which have some relation to the Facility. Harsco states that Irvico Realty Corporation, a New York Corporation, was merged with Harsco on or about August 18, 1965. Harsco was the surviving corporation. The Certificate of Merger and other documents related to the merger are attached. Harsco's investigation and efforts to locate additional documents related to that

merger are ongoing and Harsco will supplement this response if those documents are located.

- e. If the Company is a subsidiary, division, branch or affiliate of another corporation or other entity, identify each of those other entities and those entities' Chief Executive Officers or other presiding officers. Identify the state of incorporation and agents for service of process in the state of incorporation and in New York State for each entity identified in your response to this question.

Not Applicable

- f. Describe in detail the Company's previous or current relationship and affiliation to the entities listed below (and identify all other corporate names, with dates of use, for each such entity). Provide copies of documentation of acquisition, disposition, merger, joint venture, license or lease and including, if applicable, public filings with SEC relating to such transactions. In connection with any agreements of purchase, sale or merger, include copies of pages relating to environmental matters including representations, warranties and indemnities:

- i. Irving Subway Grating Co., Inc. – *Harsco acquired substantially all of the assets of Irving Subway Grating Co., Inc. on July 7, 1965. Harsco issued 41,300 shares of Harsco Common Stock for the assets of the Irving Subway Grating Co., Inc. Irving Subway Grating Co., Inc. was not merged into Harsco. Irving Subway Grating Co., Inc. filed amended articles of incorporation changing its name to Kent Hollow, Inc., and it was dissolved on July 8, 1965. A General Bill of Sale and an Agreement and Plan of Reorganization by and between Harsco and Irving Subway Grating Co., Inc. are attached as part of the response to Request 1.d.*
- ii. Irving Iron Works Company – *Harsco assumes but cannot confirm that Irving Iron Works Company was either a predecessor to, or an assumed name used by, Irving Subway Grating Co., Inc. No other relevant information has been identified at the time of this response.*
- iii. IKG Industries – *See Response to Request 1.f.iv.*
- iv. Harsco Industrial IKG – *Harsco Industrial IKG is the current name of an operating division of Harsco. (See, <http://harscoikg.com/about/index.aspx>.) It has no separate corporate existence. An IKG operating division was originally formed by combining the assets of the former Irving Subway Grating Co., Inc. with the assets of an unrelated company called Kerrigan Iron Works Company, whose assets had been acquired by Harsco on or about May 1, 1966. At various times, the division may have also used the names IKG Industries, Harsco IKG Industries and/or IKG Borden. In the event that Harsco is able to obtain more information as to the usage of those names and the respective dates for each, Harsco will supplement this response.*
- v. Harsco IKG Industries – *See Response to Request 1.f.iv.*
- vi. IKG Borden – *See Response to Request 1.f.iv.*
- vii. Patent Construction Systems – *Patent Construction Systems was a division of Harsco that engaged in the scaffolding rental/sales business, which was*

completely unrelated to the IKG operations. That name was used until its business was rebranded as Harsco Infrastructure in June 2009. See the attached extract of the Minutes of a Meeting of the Board of Directors for documentation of the name change.

2. Future EPA Communications: If the addressee of this letter requests that future communications from EPA regarding the Site be sent to a particular individual or office, provide the name, address, telephone number, e-mail address and capacity of such individual or office.

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Section 2.0 Owner/Operator Information

3. Separately provide a brief summary of the Company's relationship to the Facility (see Definition number 9.a for "Facility") and each Other Newtown Creek Property (see Definition number 9.b for "Other Newtown Creek Property"), including:

- a. Nature of the Company's interest in the Facility and each Other Newtown Creek Property;

Harsco was the owner of the Facility from August 18, 1965 until September 17, 2008. Harsco has no information that it has, or has ever had, any relationship with any Other Newtown Creek Property other than the fact that Tax Block 113, Lot 11 was included in its deed for sale of the property in 2008. It is presently unknown to Harsco whether Tax Block 113, Lot 11 had actually been merged into Tax Block 113, Lot 1 at some point. See also, Response to Request 3.b and the Agreement for Sale of Real Estate produced in response to Request 3.h.

- b. Corporate identity of any entity affiliated with the Company that holds or held such interest;

Irvico Realty Corporation, a New York Corporation which was merged into Harsco, was the owner of the property by virtue of acquiring such ownership under deeds dated November 14, 1961, March 1, 1962 and

June 28, 1963. See the deeds produced in response to Request No. 3.h.

- c. Address, Borough, Block and Tax Lot Identification;
According to the 2008 agreement for sale the subject property consists of two tax lots: 50-09 27th Street (Tax Block 113, Lot 1) and 27-21 51st Avenue (Tax Block 113, Lot 11), Long Island City, New York 11101 Borough of Queens, Queens County. Harsco is presently uncertain whether the Tax Block 113, Lot 11 is an accurate or necessary part of the identification.
- d. Map or schematic locating the Facility and each Other Newtown Creek Property;
See attached
- e. Dates of acquisition and date of disposition of interest and identity of transferor and transferee (and if not the owner, state the interest held in the Facility and the identity of lessor, licensor or other person with paramount interest (e.g., property owner, prime leaseholder));
Harsco's ownership of the Facility was the result of a merger with Irvico Realty Corporation, a New York corporation, on August 18, 1965.

Harsco sold the Facility on September 17, 2008. Harsco conveyed the Facility to Bud Media LLC, a New York limited liability company, Coors Media LLC, a New York limited liability company and 34-06 73rd LLC, a New York limited liability company, as tenants in common, by deed dated September 16, 2008 and delivered at a closing held September 17, 2008. See also the response to Request 3.h. and the documents produced in response to that Request.
- f. Dates of operation and date of cessation of operation;
To the best of Harsco's present understanding, its operations at the Facility were from approximately July 1965 until approximately September 2008.
- g. The principal business and each other line of business conducted by the Company at the Facility and at each Other Newtown Creek Property; and
From 1965 until 1997, Harsco's principal business at the Facility was the fabricating of steel gratings. From 1997 until 2008, the principal business was the storage of scaffolding. No other relevant information has been identified at the time of this response.
- h. Provide a copy of all instruments evidencing the acquisition or conveyance of such interest (e.g., deeds, leases, licenses, purchase and sale agreements, partnership agreements, etc.)
Harsco is producing the requested documents that it has been able to locate. A summary of Harsco's understanding of these documents and the transactions is also provided here. According to Harsco Corporation's (a

Delaware corporation herein called "Harsco") records, Irvico Realty Corporation, a New York Corporation, acquired ownership of the Facility under the following three (3) deeds: (i) from James E. Irving, et al., executors of the Estate of Walter E. Irving, dated November 14, 1961 and recorded in Book 7375, Page 527 (combined Parcels I and II and Parcel III); (ii) from Irving Subway Grating Co., Inc., a New York corporation, dated March 1, 1962 and recorded in Book 7401, Page 476; and (iii) from Peerless Oil and Chemical Corp., a New Jersey corporation, dated June 28, 1963 and recorded in Book 7539, Page 461. Although ownership of the Facility had been obtained by Harsco through the merger with Irvico Realty Corporation described at 3.e. above, a deed in confirmation of the merger was also recorded. The confirming deed from Irvico Realty Corporation, a New York corporation to Harsco is dated August 16, 1965 and is recorded in Book 7817, Page 192. That deed contains a consolidated legal property description of the Facility.

Harsco conveyed the Facility to Bud Media LLC, a New York limited liability company, Coors Media LLC, a New York limited liability company and 34-06 73rd LLC, a New York limited liability company, as tenants in common, by deed dated September 16, 2008 and delivered at a closing held September 17, 2008. The recording reference for said deed has not been located in Harsco's records. The sale transaction was completed pursuant to an Agreement for Sale of Real Estate dated August 25, 2008 by and between Harsco (as the seller party) and Mohammad Ashraf Malik, an individual (as the buyer party). By an Assignment and Assumption of Contract and Consent dated September 12, 2008, Mohammad Ashraf Malik assigned his rights under the Agreement for Sale, with Harsco's consent, to the three grantee LLCs identified above, jointly and severally as tenants in common.

Copies of the five (5) deeds mentioned above, the Agreement for Sale of Real Estate and the Assignment and Assumption of Contract and Consent are attached to this response. See also, the documents that accompany the response to Request 1.d. concerning the transaction by which the stock of Irvico Realty Corporation was acquired as part of the assets purchased from Irving Subway Grating Co., Inc. No other relevant information has been identified at the time of this response.

4. Identify all entities which concurrently with the Company exercise or exercised actual control or who held significant authority to control activities at the Facility, including:
 - a. Lessees, sublessees, partners, joint venturers, or holders of easements;
Harsco is unaware of any lessees, sublessees, partners, joint venturers, or holders of easements who exercised control or held authority to control activities at the Facility.
 - b. Contractors, subcontractors, licensees, or licensors that exercised control over any

materials handling, storage or disposal activity;

No relevant information has been identified at the time of this response.

- c. Pipelines providing delivery of materials to, distribution within or shipment from the Facility;

To the best of Harsco's knowledge direct pipeline delivery to the Facility was not performed during Harsco's ownership.

- d. Railroads or rail lines providing delivery of materials to or shipment from the Facility;

To the best of Harsco's knowledge direct railroad delivery to the Facility was not performed during Harsco's ownership.

- e. Truckers providing delivery of materials to or shipment from the Facility; and

No relevant information has been identified at the time of this response.

- f. Barge service companies providing delivery of materials to or shipment from the Facility.

No relevant information has been identified at the time of this response.

5. Identify all current or prior owners that you are aware of for the Facility. For each prior owner, further identify, if known, and provide copies of any documents you may have regarding:

- a. the dates of ownership and operations conducted at such times;

Unless they have transferred the Facility subsequent to August 25th 2008 Bud Media LLC, a New York limited liability company, Coors Media LLC, a New York limited liability company and 34-06 73rd LLC, a New York limited liability company are the current owners of the Facility. Harsco understands that these three separate LLCs are controlled by Mohammad Ashraf Malik.

The prior owners of the Facility include Irvico Realty Corporation, Walter E. Irving, the Estate of Walter E. Irving, Irving Subway Grating Co., Inc., and Peerless Oil and Chemical Company. The dates of each prior owner's (other than Irvico Realty Corporation's) acquisition of the property is unknown. The dates of transfer of the Facility (or portions thereof) are as reflected in the response to Request 3.h. and the documents produced in response to that Request.

See also the response to Request 3.h. and the documents produced in response to that Request.

Irving Subway Grating Co., Inc. is thought to have conducted operations on the property from approximately 1902 or 1904 until 1965.

- b. any corporate or real estate affiliation between the Company and each such prior owner; and

Irvico Realty Corporation was merged into Harsco as reported in

response to Requests 3.b. and 3.h. Harsco has no known corporate or real estate affiliation with any other prior owner.

- c. release of hazardous substances, industrial waste, other waste including petroleum, at the Facility during the period that the prior owners owned the Facility with such details as you are aware of.

No relevant information has been identified at the time of this response.

- 6. Identify all current or prior operators that you are aware of for the Facility. For each such operator, further identify, if known, and provide copies of any documents you may have regarding:

- a. the dates of operation and operations conducted at such times;

Harsco believes that Bud Media LLC, a New York limited liability company, Coors Media LLC, a New York limited liability company and 34-06 73rd LLC, a New York limited liability company, and/or Mohammad Ashraf Malik are the current operators of the Facility.

The prior operator of the Facility was Irving Subway Grating Co., Inc. Operators before or connected with Irving Subway Grating Co., Inc. may be indicated by the attached city abstract search.

- b. any corporate or real estate affiliation between the Company and each such prior operator;

To the best of its present knowledge, Harsco has no corporate or real estate affiliation with any of the prior operators. Harsco's relationship with Irving Subway Grating Co., Inc. was created through the documents provided with the response to Request 1.d. Harsco does not consider that relationship to constitute a corporate or real estate affiliation.

- c. the nature of the operations at such times; and

The Facility is believed to have been operated as a grating fabricating Facility by Irving Subway Grating Co., Inc. from approximately 1902 to 1965.

- d. any release of hazardous substances, industrial waste, or other waste including petroleum, at the Facility during the period that the prior operators were operating the Facility.

Harsco is not aware of any such releases. See attached EDR radius map search results. No other relevant information has been identified at the time of this response.

- 7. Civil Litigation, Administrative Enforcement and Criminal Matters:

- a. Has the Company or an affiliate been a party to any litigation, whether as plaintiff or defendant, where an allegation included liability for contamination of or from the Facility or any other facility located within 1,000 feet of Newtown Creek (whether or not owned or operated by the Company)? If yes, identify such litigation and its disposition, briefly describe the nature of the Company's

involvement in the litigation and provide a copy of the pleadings and any final order.

Harsco has not been a party to any litigation described in this request.

- b. Has the Company or an affiliate been identified by EPA or by any New York State or New York City agency as a party responsible for environmental contamination with respect to the Facility or any other facility located within 1,000 feet of Newtown Creek (whether or not owned or operated by the Company)? If yes, state the Company's understanding of the basis for such notice of responsibility and provide a copy of any correspondence, orders or agreements between the Company and the governmental agency.

No relevant information has been identified at the time of this response.

- c. Has the Company or an employee, affiliate, contractor or agent ever been accused of any criminal violation relating to illegal disposal or any other environmental matter in connection with any activity or operation at the Facility? If so, describe the disposition of such accusation and provide details on such accusation.

No relevant information has been identified at the time of this response.

8. Ownership of Newtown Creek: At the present time or at any past time, has the Company or any affiliate:

- a. Owned any portion of Newtown Creek or wetlands associated with Newtown Creek?

It is Harsco's understanding that the property ownership ended at the bulkhead. Harsco is not aware of any wetlands on the Facility. No other relevant information has been identified at the time of this response.

- b. Asserted control or exclusive rights to use any area of Newtown Creek or wetlands associated with Newtown Creek, for any purpose including, without limitation, dredging, filling, construction, maintenance, or repair of any facility located in the waters, the associated wetlands or sediments, including, by way of example, bulkheads, rip rap, pipes, wharfs, piers, docking, loading or unloading facilities, cranes or over-water facilities?

There was a bulkhead at the Facility. No other relevant information has been identified at the time of this response.

- c. If the answer to either subparagraph "a" or "b" of this paragraph is yes, please identify the areas owned or controlled, or over which the company has a right to use, provide an explanation of how and from whom the Company acquired such ownership or control, provide a copy of all title documents, leases, permits or other instruments where such right was derived, and describe all activities conducted pursuant thereto.

See attached survey of property in 11c. No other relevant information has been identified at the time of this response.

9. Operations In, Under or Over the Waters or On the Sediments of Newtown Creek:

- a. Describe all activities at the Facility that were conducted over, on, under or adjacent to, Newtown Creek. Include in your description whether the activity involved hazardous substances, industrial waste, petroleum, or other waste materials and whether any materials were ever discharged, spilled, disposed of, dropped, or otherwise came to be located in Newtown Creek.

The Facility is adjacent to Newtown Creek. The activities at the Facility, including the materials used and wastes generated, are described in the response to Request No. 20. To the best of Harsco's present knowledge, those activities were not conducted over, on, or under Newtown Creek but they are discussed here because the Facility was adjacent to Newtown Creek. No records of spills were found for the subject property see 6d. No other relevant information has been identified at the time of this response.

- b. Has the Company or an affiliate at any time, constructed or operated any facility in or over the waters or on the sediments of Newtown Creek, including any bulkheads, rip-rap, pipes wharfs, piers, docking, loading or unloading facilities, containment booms, cranes or other on-water or over-water facilities?

Harsco did not construct the bulkhead at the Facility and Harsco does not believe a bulkhead is "operated" in the ordinary sense of the word, but a bulkhead was present at the Facility. No other relevant information has been identified at the time of this response.

- c. Has the Company or an affiliate at any time constructed, operated, or utilized any facility under the waters or sediments of Newtown Creek, including without limitation pipes, pipelines, or other underwater or under sediment facilities?

No relevant information has been identified at the time of this response.

- d. If the answer to subparagraph "b" or "c" of this paragraph is yes, please provide details including the facilities constructed or operated, the dates of such construction, replacement or major modification, whether there were discharges into the waters of Newtown Creek associated with construction or maintenance of such facilities, all permits associated with the construction or operation and the nature of the Company's authorization to construct or maintain such facilities in Newtown Creek including from whom the operating rights were obtained, and provide copies of relevant deeds, leases, licenses, and permits.

No relevant information has been identified at the time of this response.

- e. Provide a summary of over-water activities conducted at the Facility, including but not limited to, any material loading and unloading operations associated with vessels, materials handling and storage practices, ship berthing and anchoring, ship fueling, cleaning, maintenance, or repair.

It is Harsco's understanding that during Harsco's ownership over-water activities were not conducted. No other relevant information has been identified at the time of this response.

- f. If the Company has utilized barges, lighters, tankers, or other vessels in any operations on Newtown Creek, please provide details. With respect to vessel operations:

Not applicable. To the best of Harsco's knowledge, no barges, lighters, tankers, or other vessels were utilized by Harsco in any operations on Newtown Creek.

- i. Identify all products and raw materials transferred to or from barges, tanks and ships and the dates of such operations;
- ii. Describe the method of transfer to and from barges or other ships during all periods of such activities;
- iii. Identify the types of barges or ships utilized and the depth of the water where barges or ships were moored;
- iv. Describe barge, tanker or other ship cleaning operations, if any, including the cleaning methods that were used, how cleaning waste was handled; and
- v. Describe spill prevention controls that were utilized in delivery or pick-up of materials.

- g. State whether any of the operations required to be identified above resulted in disposal or spillage of any materials into Newtown Creek or the re-suspension of any sediment of Newtown Creek. If the answer is a "yes" please provide details and documentation of such events.

None to our knowledge

10. Identify each Other Newtown Creek Property (see Definition number 9.b for "Other Newtown Creek Property") that your Company presently (or previously) owns (or owned), leases (or leased), manages (or managed), operates (or operated), controls (or controlled), or otherwise has or had rights to use, manage or operate, within the area extending one-thousand feet from the shoreline of Newtown Creek (definition number 1 above defines "Newtown Creek" to include all tributaries or branches of Newtown Creek). Include among such properties all facilities currently or previously owned or operated by any Harsco Corporation or any current or previous affiliate of Harsco Corporation.

No relevant information has been identified at the time of this response.

Section 3.0 Description of the Facility

11. Provide the following information for the Facility, including a description responsive to each question and depictions by map, drawing, survey, or otherwise:

- a. Address and borough, block and lot (if the New York City address or tax lot denomination has changed, please provide, to the extent known, the address in effect at the time of ownership and operation as well as the modern address and tax lot identification);

According to the 2008 agreement for sale the subject property consists of two tax lots: 50-09 27th Street (Tax Block 113, Lot 1) and 27-21 51st Avenue (Tax Block 113, Lot 11), Long Island City, New York 11101 Borough of Queens, Queens County. Harsco is presently uncertain

whether the Tax Block 113, Lot 11 is an accurate or necessary part of the identification.

- b. historic photographs, including without limitation, aerial photographs, photographs showing construction, industrial or commercial processes, sanitary and storm sewer systems, outfalls, indoor and outdoor storage of materials or products, and photographs during construction;

See attached aerial photos.

- c. all surveys and drawings of the Facility in your possession showing current configurations and improvements as well as previous configurations and improvements;

See attached Sanborn maps and property survey.

- d. sanitary sewer system information, including drawings, sewer easements, surveys, or maps showing location and configuration both as currently configured and previous configurations;

In 2006, a Phase I Environmental Site Assessment and Limited Phase II were completed for the Facility. A combined Phase I Environmental Site Assessment and Limited Phase II Report (hereinafter referred to as the "Phase I/II Report" is provided in response to Request No. 44, which requests a copy of all environmental investigation reports. (For convenience, certain portions are also separately provided in response to some requests.)

We have no other information other than provided in the included Phase I/II Report that stated: Site contains three septic tanks with ejector pumps located in different areas of the warehouse spaces. A float switch activated the ejector pumps. Reportedly when these tanks fill up the contents are then pumped to the municipal sewer system. A suspended, rectangular waters storage tank is also located in the warehouse area. This tank is used for the fire suppression system of the warehouse.

- e. storm water sewer system information, including drawings, surveys or maps showing location and configuration both as currently configured and previous configurations;

No relevant information has been identified at the time of this response.

- f. all below-ground structures, including, pipes, pipelines, sumps, wells, dry-wells, and other structures for storage or conveyance of solid, gaseous or liquid materials, whether above ground or below ground, and whether owned or operated by you or by another, and as presently configured and as previously configured;

During Harsco's ownership two underground storage tanks and associated piping were used to store heating oil. No other relevant information has been identified at the time of this response.

- g. all above-ground structures, including buildings and including all facilities for storage or transport of solid, liquid or gaseous materials, whether owned or operated by you or by another, and as presently configured and as previously configured;

We are not aware of any above ground structures for the storage of liquids or gaseous materials.

- h. all over-water or in-water facilities (e.g., piers, docks, cranes, bulkheads, pipes, treatment facilities, containment booms, etc.);

A Bulkhead Condition Survey is attached. No other relevant information has been identified at the time of this response.

- i. all treatment or control devices for all media and pursuant to all environmental laws and regulations (e.g., surface water, air, groundwater, hazardous waste, solid waste, etc.);

It is the understanding of Harsco that the Facility did not maintain any treatment or control devices during ownership.

- j. groundwater wells, including drilling logs; and

Soil boring logs are attached from the limited Phase II Report. No other relevant information has been identified at the time of this response.

- k. information related to any other outfalls, ditches, direct discharge facilities, or other conveyance features and any discharges associated therewith.

To the best of our knowledge all drains drained to the sewer as per information provided in the attached Phase I/II Report attached in response to Request No. 44. No other relevant information has been identified at the time of this response.

12. For all items identified in subparagraphs e, f, g, h, i, j, or k, of the previous question, locate each such item on a Facility map or plan, provide the date of installation, identify all permits associated with each item, state whether such items are still in service or, if not, when they were removed from service, identify all leaks or spills, if any, associated with each, and identify any closure of any such item.

See attachments previously referenced in the responses to Requests 6.d. (regarding searches for information on spills or releases) and 11.c. (survey map) and 11.h. (Bulkhead Condition Survey). To the best of Harsco's knowledge no known recordable spills or releases occurred during Facility ownership. No other relevant information has been identified at the time of this response.

13. For each environmental permit issued with respect to the Facility during the Company's period of ownership or operation, identify the type of permit, the agency or governmental authority issuing the permit and provide a copy of the permit, the permit application, and any reports required to be generated by the permit.

No relevant information has been identified at the time of this response.

14. With regard to the placement of fill at the Facility:

- a. Was any fill placed on the Facility during the initial development or redevelopment of the Facility by the Company, or at any time thereafter? If so, identify all areas of the Facility where fill was placed, the lateral extent of the fill and the depth of the fill, the purpose of the placement, the source of the fill, the amount of the fill in each area, and the identity of the contractors involved in work related to the fill. State whether the fill has ever been characterized, either before placement or thereafter and, if so, provide a copy of the sampling/characterization results.

No relevant information has been identified at the time of this response.

- b. Were any portions of the Facility historically part of Newtown Creek or did the Facility formerly include any marshlands or wetlands associated with Newtown Creek? Please depict any such areas on a survey, drawing or schematic. Please provide your understanding of who filled any such wet areas, the approximate date of such fill, and the lateral extent and depth of such fill, the source of the fill, the composition of the fill and, if any sampling has ever been done of such filled areas, provide a copy of the sampling results.

No relevant information has been identified at the time of this response.

15. Provide a copy of all reports, information or data you have related to soil, water (ground and surface), or air quality and geology/hydrogeology at and about the Facility. Provide copies of all documents containing such data and information, including both past and current aerial photographs as well as documents containing analysis or interpretation of such data.

Enclosed is a historical topographic map search as well as sampling results from the limited Phase II as provided in the Phase I/II Report. See also aerial photos requested in question 11.b. No other relevant information has been identified at the time of this response.

16. Identify all past and present solid waste management units or areas where materials are or were in the past managed, treated, or disposed (e.g., waste piles, landfills, surface impoundments, waste lagoons, waste ponds or pits, drainage ditches, tanks, drums, container storage areas, etc.) on the Facility. For each such unit or area, provide the following information, if available:

To the best of Harsco's knowledge during Harsco's ownership the Facility did not manage any solid waste management units. No other relevant information has been identified at the time of this response.

- a. a map showing the unit/area's boundaries and the location of all known units/areas whether currently in operation or not. This map should be drawn to scale, if possible, and clearly indicate the location and size of all past and present units/areas;
- b. dated aerial photograph of the Site showing each unit/area;
- c. the type of unit/area (e.g., storage area, landfill, waste pile, etc.), and the

- d. dimensions of the unit/area;
- e. the dates that the unit/area was in use;
- f. the purpose and past usage (e.g., storage, spill containment, etc.);
- f. the quantity and types of materials (hazardous substances and any other chemicals) located in each unit/area;
- g. the construction (materials, composition), volume, size, dates of cleaning, and condition of each unit/area; and
- h. if the unit/area described above is no longer in use, explain how such unit/area was closed and what actions were taken to prevent or address potential or actual releases of waste constituents from the unit/area.

17. Provide the following information regarding any current or former sewer or storm sewer lines or combined sanitary/storm sewer lines, drains, or ditches discharging into Newtown Creek from the Facility:

Harsco does not possess this information. According the Phase I/II Report all Facility drains discharge to the municipal sewer. No other relevant information has been identified at the time of this response.

- a. the location and nature of each sewer line, drain, or ditch;
No relevant information has been identified at the time of this response.
- b. the date of construction of each sewer line, drain, or ditch;
No relevant information has been identified at the time of this response.
- c. whether each sewer line, drain, or ditch drained any hazardous substance, waste, material or other process residue to Newtown Creek; and
Based upon the Phase I/II Report, all drains discharge to the municipal sewer system and not to Newtown Creek.
- d. provide any documentation regarding but not limited to the following on any and all outfalls to Newtown Creek which are located within the boundaries of the Facility. Your response should include, but not be limited to:
No relevant information has been identified at the time of this response.
 - i. whether the Facility is serviced by or otherwise drains or discharges to the outfalls and, if so, the source of the outfall;
 - ii. the identify of upland facilities serviced by the outfalls;
 - iii. the upland geographic area serviced by the outfalls; and
 - iv. the type of outfall (i.e., storm water or single or multiple facility outfall).

18. Provide copies of any storm water or Facility drainage studies, including data from sampling, conducted at these Properties on storm water, sheet flow or surface water runoff. Also provide copies of any storm water pollution prevention, maintenance plans or spill plans developed for different operations during the Company's operation of the Facility.

Harsco could not locate stormwater permits nor records of drainage studies.

19. Connections to New York City sewer system:

- a. State whether the Facility is connected to the New York City sewer and the date that the Facility was first connected;

According to the Phase I/II Report, the Facility was connected to a municipal sewer. Harsco is uncertain whether the reference was to the New York City sewer system or whether it could have been some other local one. Harsco is unaware if the Facility is still connected following sale of property. No other relevant information has been identified at the time of this response.

- b. State whether the Facility has ever discharged liquid wastes other than through the New York City sewer system and, if so, provide details on such discharges;

It is Harsco's understanding from the Phase I/II Report that the only known discharge was through sewer system. No other relevant information has been identified at the time of this response.

- c. State whether the Facility participates in the New York City pretreatment program, whether the Company has ever been classified as a significant industrial user, and whether the Company has ever been in violation of sewer use requirements or permits or received any notices of violation relating to use of the New York City sewer system;

Harsco has no knowledge if the Facility currently participates or has participated in the New York City pretreatment program. No violations of sewer use requirements were reported in the Phase I/II Report. Copies of the responses to the FOIL requests made during the Phase I investigation are attached. No other relevant information has been identified at the time of this response.

- d. Provide any information detailing the volume of liquids discharged to the sewers and the nature of the discharges including analytical data detailing the makeup of the discharged liquids;

No relevant information has been identified at the time of this response.

- e. Provide copies of all permits and permit applications for Industrial Wastewater discharge permits;

No relevant information has been identified at the time of this response.

- f. Provide copies of all notices of violations, correspondence, hearing transcripts, and dispositions relating to the Company's use of the New York City sewer system;

See the response to Request No. 19.c. No other relevant information has been identified at the time of this response.

- g. Copies of any Baseline Monitoring Reports submitted to New York City in connection with the Company's application for an industrial wastewater discharge permit;

No relevant information has been identified at the time of this response.

- h. Copies of all surveys, reports or analyses delineating or characterizing the Company's liquid wastes;

No relevant information has been identified at the time of this response.

- i. Copies of all periodic monitoring reports for wastes discharged through the sewer system;

No relevant information has been identified at the time of this response.

- j. Copies of all invoices from New York City or the New York City Water Board for water and/or wastewater charges including any wastewater allowances.

No relevant information has been identified at the time of this response.

Section 4.0 Company's Operational Activities

20. Describe the nature of your operations or business activities at the Facility. If the products, processes, operation, or business activity changed over time, please identify each separate operation or activity, the dates when each operation or activity was started and, if applicable, ceased. Also, please provide the following:

- a. Identify and describe the metal fabricating, steel flooring, steel grating, aluminum grating, stair treads manufacturing, and steel decking business activities conducted at the Facility;

The main processes included punch (geared) and hydraulic presses, on which steel and aluminum parts were fabricated and assembled into the types of end products listed above and similar items. It is believed stainless steel materials were also used. The punch presses were used to punch indexed holes in metal bar to allow riveting pieces together for grating and other products. The hydraulic presses were used to press cross bars into notched bar prior to hand-welding.

Hand-welding stations were also used for fabrication and repair activities.

Coatings were applied using dip-tank[s].

The Phase I/II Report states that acid and water dip tanks were used for some of the grates manufactured by IKG Industries.

Although some products were sold in galvanized form, galvanizing was outsourced and not performed at the Facility.

- b. In addition to the metal fabricating, steel flooring, steel grating, aluminum grating, stair treads manufacturing, and steel decking business activities, identify each other business activity for which the Facility has been used since its acquisition by the Company;

It is believed that a variety of fabricated metal products were produced at

the Facility using the processes described above.

The Phase I/II Report states that Patent Construction Systems used the property beginning in 1997 for the sales/rental, storage, maintenance, and repair of scaffolding, concrete forming and shoring products.

- c. Identify each industrial process employed at the Facility and the raw materials used and the wastes generated;

- Punch presses: Steel, aluminum, and stainless steel raw materials. Process would have been lubricated, generating used and excess lubricant waste as well as scrap metal.

- Hydraulic presses: Steel, aluminum, and stainless steel raw materials. Process would have been lubricated, generating used and excess lubricant waste as well as scrap metal. Lubricants and hydraulic fluid raw materials and wastes expected would be those typically used for the size and nature of the presses and activities in the relevant years of operation.

- Welding stations: No specific information. Raw materials and wastes expected would be those typical of general welding activities in the relevant years of operation.

- Dip coating tank[s]: No specific information. Raw materials and wastes expected would be those typical of general dip coating activities in the relevant years of operation. The Phase I/II Report Appendix A includes a photograph labeled "Drums of waste paint staged on spill skids in the warehouse area" and states that the drums are from the dip-tank process.

- The Phase I/II Report Appendix A includes a photograph labeled "Drums of hydraulic oil stored on spill skids in the warehouse" and states that it was used at the time of the Phase I/II Report primarily for oiling the cables that are rented out to customers.

- The Phase I/II Report Appendix A includes a photograph labeled "Drum of Bioform on spill skid in warehouse" and states that numerous 55-gallon drums of Bioform, a 100% biodegradable, vegetable oil mix, were located in the concrete form area of the warehouse, and used at the time of the Phase I/II Report report to keep the concrete form sticking to the forms.

- The Phase I/II Report states that latex paint was used at the time of the Phase I/II Report for re-painting scaffolding equipment.

- The Phase I/II Report notes a NY Manifest record of two drums of D001 – Non-Listed Ignitable Wastes disposed of by IKG Industries in 1983 (gives EPA ID #).

It is unknown to what process, if any, this manifest record may have related.

- d. Provide a schematic diagram or flow chart that fully describes and/or illustrates the Company's operations, as it evolved over time, and the time period covered by such operation, at the Facility;

No relevant information has been identified at the time of this response.

- e. Provide a schematic diagram that indicates which part of the Company's operations generated each type of waste, including but not limited to wastes generated by cleaning and maintenance of equipment and machinery and wastes resulting from spills of liquid materials;

No relevant information has been identified at the time of this response.

- f. Describe all settling tank, septic system, pretreatment system sludges or other treatment wastes resulting from the Company's operations;

See response to Request 11.d. as to septic tanks. No other relevant information has been identified at the time of this response.

- g. Provide copies of any Material Safety Data Sheets ("MSDSs") and Right-to-Know Notices for raw materials used in the Company's operations;

No relevant information has been identified at the time of this response.

- h. Provide copies of MSDSs for each product produced at the Facility; and

No relevant information has been identified at the time of this response.

- i. Provide product literature and advertising materials for each product produced at the Facility.

No relevant information has been identified at the time of this response.

21. Did the Company store or combust coal at the Facility during the time of its ownership or operation? If your answer is yes, please respond to the following requests for information for all periods of time that the Company operated at or owned the Facility:

No relevant information has been identified at the time of this response.

- a. Identify the purposes for such coal storage or combustion, including if used in energy production and the processes in which the energy was used at the Facility;
- b. State the means by which the shipments of coal were delivered to the Facility, whether by barge, rail, truck or other, and identify the shipper and the vendor. Describe how the coal was received at the Facility and transported to storage facilities;
- c. Identify the volume of coal received at the Facility, the type or types of coal (i.e. bituminous, anthracite, etc.) received and consumed on an annual basis during the period of the Company's ownership or operations, including changes over time;
- d. Describe the means of storage of coal at the Facility, including whether the Facility employed coal pockets or other storage areas, the dimensions and volume

of such storage facilities, and whether such storage was indoors or outdoors and covered or uncovered. Identify on a Facility map or diagram the location of the coal storage facilities. Describe the means of transport of the coal from the storage facilities to the combustion point;

- e. Identify how the coal ash was managed including the location and storage facilities for the coal ash and whether it was stored indoors or outdoors, covered or uncovered, the means of conveying the ash to the on-site storage facilities, the location of the storage facilities, and, if sent for disposal, identify the disposal companies. State whether the ash was ever used at the Facility, whether as fill or for any other purpose, or if it was in any other manner disposed of at the Facility and, if so, describe the circumstances and identify the areas of disposal on a Facility map;
- f. State whether there were Company written manuals providing for coal purchase, storage, maintenance of storage facilities, transport, consumption, or ash management and, if so, provide a copy of such written materials; and
- g. State whether there were any permits associated with the coal receipt, storage, consumption, or ash management and, if so, provide a copy of such permits.

22. Describe the receipt, storage and off-shipment of chemicals, raw materials, intermediary product, and final product (including, without limitation petroleum) at the Facility. For each question, identify the time period covered by your response. Please provide a copy of Company manuals that over time were in effect describing these procedures.

- a. For receipt of materials, please identify:
 - No relevant information has been identified at the time of this response.*
 - 1. all such materials (including, without limitation, petroleum) received, stored at or shipped from the Facility;
 - 2. its method of shipment to the Facility (e.g., pipeline, barge, rail, tanker, truck, or other);
 - 3. testing, if any, upon receipt of such material, for quality, for conformity to specification, for contamination or otherwise; and
 - 4. treatment, if any, at the Facility of any material shipped to the Facility, prior to storage in tanks at the Facility.
- b. For chemicals: Identify chemicals acquired for use at the Facility including the identification of each such chemical, the purpose for which it was acquired, any testing done on such materials upon receipt, the method of storage whether in the warehouse, in storage tanks or otherwise. Describe all processes for which each such chemical was used at the Facility. Identify all spills, emissions, discharges, and releases of any such chemical since the time that your Company has owned the Facility and, if you know, prior to your ownership and/or operations at the Facility. Please provide copies of MSDSs for each such chemical.
 - See response to 20.C. No other relevant information has been identified at the time of this response.*

- c. For metals and metal compounds (including but not limited to raw materials, scrap, byproducts, ash, wastewater, and wastes containing metals or metal compounds but not including metals as components of structures or equipment): Identify any metals and metal compounds previously or currently used or otherwise present at the Facility, the purpose for each of them, any testing done on such materials, and the method and location of use, storage and other handling of such materials at the Facility. Identify all spills, emissions, discharges, and releases of any such substances at or from the Facility since the time that your Company owned or operated the Facility. Please provide any MSDSs for each such substance.

Steel and aluminum bar and other products were used as raw materials, and it is believed stainless steel was also used as a raw material. It is assumed that scrap metal was generated from time to time in the form of trimmings and off-spec products.

- d. For polychlorinated biphenyls ("PCBs"): identify any PCBs previously or currently used or otherwise present at the Facility, including, but not limited to (i) PCBs in plasticizers, fire retardants, paints, water-proofing, railroad ties, heat stabilizing additives for adhesives, and other materials; (ii) PCBs in capacitors, transformers, vacuum pumps, hydraulic systems, and other devices; and (iii) PCBs in raw materials, wastes, wastewater, scrap, and byproducts; identify the purpose for each of them, any PCB testing done on such materials, and the method and location of use, storage and other handling of PCBs at the Facility; and identify all spills, emissions, discharges, and releases of any PCBs at or from the Facility since the time that your Company has owned the Facility. Please provide any MSDSs for PCBs at the Facility.

No relevant information has been identified at the time of this response.

- e. Provide copies of any records, including Company manuals or written procedures that you have in your possession, custody or control, relative to the activities described in this Question.

No relevant information has been identified at the time of this response.

23. Describe the years of use, purpose, quantity, and duration of any application of pesticides or herbicides on the Facility. Provide the brand name of all pesticides or herbicides used.

No relevant information has been identified at the time of this response.

24. For all periods of the Company's ownership or operation of the Facility, describe how wastes transported off the Facility for disposal or treatment were handled, stored and/or treated prior to transport to the disposal facility.

The Phase I/II Report describes wastes on-site at the time of the Phase I/II Report. No other relevant information has been identified at the time of this response.

25. Describe the cleaning and maintenance of the equipment and machinery involved in these operations, including but not limited to:

No relevant information has been identified at the time of this response.

- a. the types of materials used to clean/maintain this equipment/machinery;
- b. the monthly or annual quantity of each such material used;
- c. the types of materials spilled in the Company's operations;
- d. the materials used to clean up those spills;
- e. the methods used to clean up those spills;
- f. where the materials used to clean up those spills were disposed of;
- g. copies of Company manuals or procedures relating to cleaning of equipment and machinery at the Facility; and
- h. copies of all records of such cleaning and maintenance including internal records and records from any outside vendor for such services.

26. Describe all wastes disposed by the Company into drains at the Facility, including but not limited to:

- a. the nature and chemical composition of each type of waste;
- b. the approximate quantity of those wastes disposed by month and year;
- c. the location to which these wastes drained (e.g. Facility drains to Newtown Creek, sheet flow to Newtown Creek, septic system, storage tank at the Facility, oil-water separator, pre-treatment plant, New York City sewer system);

The Phase I/II Report states: "Reportedly, all sinks and drains on the property are connected to the municipal sewer system."

- d. whether and what pretreatment was provided.

No other relevant information has been identified at the time of this response.

27. Identify each fixed above-ground storage tank and each fixed below-ground storage tank that is or was situated on the Facility during the Company's ownership or operation. Provide a copy of all permits relating to the tank and provide a copy of all Company written manuals or procedures, including manuals that have been superseded by newer manuals or procedures, addressing use and maintenance of such tanks. For each tank, identify:

The Phase I/II Report identified no record of an aboveground storage tank at the Facility. The Phase I/II Report identified two fuel oil USTs listed in the NYSDEC UST database as abandoned in-place in 1998, and included records of soil sampling for each. No other relevant information has been identified at the time of this response.

- a. date of installation;
- b. dates and nature of major modifications;
- c. dates and nature of spill detection equipment;
- d. dates and nature of cathodic protection equipment;
- e. a description or drawings of any such tank;
- f. the identity of contents that have been stored in any such tank both before (if known) or during the Company's ownership or operation;
- g. practices of cleaning at the time of any change in items stored;

- h. manner of ultimate disposal of wastes from the tank;
- i. any procedures for addressing spills from the tanks; and
- j. all spills that have occurred during the Company's ownership of the Facility. Based on Harsco's knowledge no AST or UST releases occurred during Harsco's ownership of the property.

28. Identify each pipeline serving the Facility that is or was situated on the Facility property (either above- or below-ground) during the Company's ownership or operation. For each pipeline, please:

Harsco is unaware of any pipeline servicing the Facility or situated on subject Facility.

- a. identify the owner and the operator of the pipeline servicing the Facility. If there are separate owners or operators of the pipeline for the segments located on the Facility and the segment located off the Facility, please identify all such owners and operators;
- b. provide a copy of all permits maintained by the Company relating to the pipeline on the Facility and the date of installation;
- c. identify all materials transported to the Facility through the pipeline, including, without limitation, crude petroleum, petroleum products, additives, other refining materials, batch separators, natural gas, manufactured gas, other fuels, chemicals and/or other materials;
- d. describe pipeline cleaning processes and procedures for handling and disposal of wastes in the pipelines including mixed batches of materials in the pipeline;
- e. identify procedures for addressing spills from the pipelines;
- f. identify all spills that have occurred during the Company's ownership or operation of the Facility; and
- g. provide a copy of all Company written manuals or procedures, including manuals that have been superseded by newer manuals or procedures, which address or regulated use and maintenance of such pipelines.

Section 5.0 Regulatory Information

29. Identify each federal, state and local authority that regulate or regulated environmental concerns relating to the ownership or operation at the Facility, the activity regulated and the applicable federal, state and local statute or regulation from which such regulation was derived.

The Phase I/II Report includes a report of computerized database sources of regulatory agency records for Federal, State, and local environmental agencies for the purpose of helping to assess the likelihood of problems from migrating hazardous substances or petroleum products. The report identified several areas of environmental regulation relevant to the Facility:

IKG Industries was listed as a registered small quantity generator of hazardous waste, subject to regulation by the United States Environmental Protection Agency

The Phase I/II Report states that the subject property is listed in the U.S. EPA FINDS database due to IKG Industries operations, with additional information regarding the property in the following databases: AFS, AIRS, CDS, NEDS, SAROAD, NCDB, FIFRA, and TSCA. The Phase I/II Report did not contain additional information on this topic.

NYS Registered Storage Tank (UST), presumably subject to regulation by the New York State Department of Environmental Conservation

NY Manifest, presumably subject to regulation by the New York State Department of Environmental Conservation

No other relevant information has been identified at the time of this response.

30. Describe all occurrences associated with violations, citations, deficiencies, and/or accidents concerning the Facility related to environmental concerns. Provide copies of all documents associated with each occurrence described.

As per Phase I/II one written formal RCRA (oversight) violation was listed in environmental database search that occurred on 7/13/1994, details of the violation were not outlined. See the attached record. No other relevant information has been identified at the time of this response.

31. Provide a list of all local, state and federal environmental permits which have been applied for or issued to the Company with respect to the Facility for any media, e.g., water (including State Pollutant Discharge Elimination System and National Pollutant Discharge Elimination System, New York City sewer, Industrial Pretreatment Program or any other wastewater discharge related governmental authorization or notice), excavation and fill in navigable waters, dredging, tidal wetlands, air, solid waste or hazardous waste, bulk storage, industrial wastewater, etc. under any environmental statute or regulation. Provide a copy of each federal or state permit and the applications for each permit.

No relevant information has been identified at the time of this response.

32. Was a Notification of Hazardous Waste Activity ever filed with EPA or New York State for any activity at the Facility during the period that the Company or an affiliate owned or operated at the Facility? If so, provide a copy of such notification and the response given by EPA or New York State including the RCRA identification number assigned.

As per the Phase I/II, the Facility was a small quantity generator of hazardous waste ID#NYD980772487. No other relevant information has been identified at the time of this response.

33. Did the Company or an affiliate ever have "interim status" under RCRA at the Facility? If so, and the Facility does not currently have interim status, describe the circumstances under which the Facility lost interim status.

According to the Phase I/II, records were not found of "interim status" at subject property. Harsco is unaware of the Facility ever having "interim

status". No other relevant information has been identified at the time of this response.

34. Identify all state or City offices to which the Company has sent or filed hazardous substance or hazardous waste information with regard to the Facility or Other Newtown Creek Properties. State the years during which such information was sent/filed.

No relevant information has been identified at the time of this response.

35. Has the Company or the Company's contractors, lessees, tenants, or agents ever contacted, provided notice to or made a report to the New York State Department of Environmental Conservation or New York City Department of Environmental Protection or any other state or city agency concerning an incident, accident, spill, release, or other event involving the Facility or involving Newtown Creek? If so, describe each incident, accident, spill, release, or other event and provide copies of all communications between the Company or its agents and New York State Department of Environmental Conservation, New York City Department of Environmental Protection, New York State Department of Health, New York City Department of Health and Mental Hygiene, or any other state or city agency.

No relevant information has been identified at the time of this response.

Section 6.0 Facility Releases, Investigations and Remediation

36. Identify all leaks, spills, or releases into the environment of any waste, including hazardous substances, pollutants, contaminants, industrial waste, or petroleum that have occurred at or from the Facility. In addition, identify and provide copies of any documents regarding:

No record of any release of any waste into the environment was found during the Phase I/II assessments and Harsco is not aware of any such release. No other relevant information has been identified at the time of this response.

- a. the date of each release;
- b. how the releases occurred, e.g. when the substances were being stored, delivered by a vendor, transported or transferred (to or from any tanks, drums, barrels, or recovery units), and were addressed or treated;
- c. the identity of the materials released and the amount of each material released;
- d. where such releases occurred;
- e. activities undertaken in response to each such release or threatened release, including the notification of any agencies or governmental units about the release and the remediation and the regulatory disposition concerning such release; and
- f. identify all fires, explosions or other similar events that have occurred at the Facility during the Company's ownership or operation that required response either by a Facility employee or a New York City responder or that was the subject of a subsequent investigation by a New York City agency. Identify the location on a Facility map where each of the events occurred and identify the items that were combusted in whole or part, including, without limitation, hazardous substances, pollutants, contaminants, industrial waste, or petroleum. Provide a copy of all reports of the event, whether such reports are the Company's private reports or are public reports in the Company's possession.

37. Was there ever a spill, leak, release, or discharge of waste or process residue, including hazardous substances, pollutants, contaminants, industrial waste, or petroleum, into any subsurface disposal system or floor drain inside or under a building on the Facility? If the answer to the preceding question is anything but an unqualified "no", provide details of each event and any communication with any federal, state or city regulatory body.

No record of any such spill, leak, release, or discharge was found during the Phase I/II assessments and Harsco is not aware of any such release. No other relevant information has been identified at the time of this response.

38. Has any contaminated soil ever been excavated or removed from the Facility? Unless the answer to the preceding question is anything besides an unequivocal "no", identify and provide copies of any documents regarding:

Harsco is not aware of any excavation or removal of contaminated soil from the Facility. No relevant information has been identified at the time of this response.

- a. reason for soil excavation;
- b. location of excavation presented on a map or aerial photograph;
- c. manner and place of disposal and/or storage of excavated soil;
- d. dates of soil excavation and amount of soil excavated;
- e. all analyses or tests and results of analyses of the soil that was removed from the Facility;
- f. all confirmatory analyses or tests and results of analyses of the excavated area after the soil was excavated and removed from the area; and
- g. all persons, including contractors, with information about (a) through (f) of this question.

39. Have you treated, pumped or taken any kind of response action on groundwater under the Facility? If your answer is "yes", identify and provide copies of any documents regarding:

Harsco is not aware of any pumping, treating or response action on groundwater under the Facility. No other relevant information has been identified at the time of this response.

- a. the reason for groundwater action;
- b. whether the groundwater contains or contained hazardous substances, pollutants, contaminants, industrial waste, or petroleum, what the constituents are or were which the groundwater contained, and why the groundwater contained such constituents;
- c. all analyses or tests and results of analyses of the groundwater;
- d. if the groundwater action has been completed, the basis for ending the groundwater action; and
- e. all persons, including contractors, with information about (a) through (d) of this question.

40. Was there ever a spill, leak, release, or discharge of a hazardous substance, waste or material into Newtown Creek from any equipment, structure or activity occurring on, over or adjacent to the Creek? If your answer is "yes", identify and provide copies of any documents regarding:

Harsco is not aware of any spill, leak, release or discharge of any hazardous substance, waste or material into Newtown Creek from any such structure or activity. No other relevant information has been identified at the time of this response.

- a. the nature of the hazardous substance, waste or material spilled, leaked, released, or discharged;
- b. the dates of each such occurrence;
- c. the amount and location of such release;
- d. whether sheens were created on the Creek by the release; and
- e. whether there ever was a need to remove or dredge any solid waste, bulk product or other material from the Creek as a result of the release? If so, please provide information and a description of when such removal/dredging occurred, why, and where the removed/dredged materials were disposed.

41. Describe the purpose for, the date of initiation and completion, and the results of any investigations of soil, water (ground or surface), sediment, geology, hydrology, or air quality on or about the Facility. Provide copies of all data, reports and other documents that were generated by the Company or any contractor or consultant, or by a federal or state regulatory agency related to the investigations that are described.

A limited Phase II was conducted in 2006 as a result of the fact that two fuel oil USTs listed in the NYSDEC UST database as abandoned in-place in 1998. See also the response to Request No. 27 and the Phase I/II Report provided in response to Request No. 44.

42. Describe any remediation or response actions that you, your agents or consultants have ever taken or are currently taking at the Facility, either voluntarily or as required by any state, local or federal entity. If not otherwise already provided under this Information Request, provide copies of all enforcement agreements with regulatory agencies pursuant to which such response actions were undertaken as well as all reports of investigations or cleanup activities on the Facility.

No relevant information has been identified at the time of this response.

43. State whether you are planning to perform any investigations of the soil, water (ground or surface), geology, hydrology, and/or air quality at or about the Facility? If so, identify: the purpose, nature and scope of such investigations and the dates when you plan to undertake such investigations.

No

44. Provide a copy of all environmental investigation reports of the Facility including investigations undertaken at the times of acquisition and transfers of the Facility by the Company.

The Phase I/II Report is attached. No other relevant information has been identified at the time of this response..

Section 7.0 Compliance with this Request and Financial Information

45. Persons and Sources Consulted in Your Response: Identify all persons, other than counsel, that the Company consulted and all sources that the Company reviewed in responding to this request, including, but not limited to:

- a. names of persons consulted;
- b. contact information for each such person;
- c. if the person is a current or former employee, the job title and responsibilities for each such person and the dates of employment;
- d. which questions the person was consulted about; and
- e. a description and the location of where all sources reviewed are currently located and the questions to which such sources relate.

Stephen Stanislawczyk, Harsco Corporation, Manger Environmental Compliance Harsco Minerals, (717-506-4666), 5000 Ritter Road, Suite 205 Mechanicsburg, PA 17055, current Harsco employee, was consulted on all questions. Mr. Stanislawczyk consulted all of the documents that are provided with this response and consulted with the other persons identified in this response.

Steve Baney, Harsco Corporation, Senior Director - Risk Management (717-730-1910) 350 Poplar Church Road, Camp Hill, PA 17011, current Harsco employee, was consulted on questions regarding environmental responsibility, financial and insurance matters. Resources reviewed were sent to Stephen Stanislawczyk at Harsco and are currently located at his office.

Oscar Jarrett, Harsco Corporation, VP & General Manager Harsco Industrial IKG, (713-378-3930), current Harsco employee, was consulted on questions concerning operational activities involved in the fabricating of gratings and the identity of persons who might have knowledge of operations at the Facility. The resources that he consulted would currently be located at Channelview, TX office.

Steve Thompson, Harsco Corporation, Project Manager – (614-296-8367) 350 Poplar Church Road, Camp Hill, PA 17011, current Harsco employee, was consulted as to whether he had any knowledge of subject property.

Fred Dubhorn, Harsco Corporation, Technical Service Coordinator Sales, Harsco Industrial IKG, (908-757-5310) 709 Loretta Terrace, Plainfield, NJ 07062-2104, current Harsco employee, was consulted on questions concerning the Facility, the operational activities at the Facility and the identity of others having knowledge of the Facility.

Don DeSmedt, Harsco Corporation, Product Specialist/Industrial Accts Sales, Harsco Industrial IKG, (201-339-0219), 122 W 14th Street, Bayonne, NJ 07002, current Harsco employee, was consulted on questions concerning the Facility, the operational activities at the Facility and the identity of others having knowledge of the Facility.

46. Identify all individuals who currently have and those who have had responsibility for the Company's environmental matters (e.g. responsibility for the disposal, treatment, storage, recycling, or sale of the Company's wastes). Also provide each such individual's job title, duties, dates performing those duties, supervisors for those duties, current position or the date of the individual's resignation, and the nature of the information possessed by such individuals concerning the Company's waste management.

Jeremy Zahn – 2011 to present – VP EH&S

Steve Baney – 2009 (environmental responsibilities added) to present – Sr Dir-Risk Mgt.

Mark Kimmel – 2007 (environmental responsibilities added) to present – SRVP, General Counsel, Chief Admin officer

Mark Mummert -2000 to 2010 – Director – Environmental Harsco Corporate

Bill Gregory – 1990 to 1999 – Manager Environmental Harsco Corporate

John Wright – 1993 to 2000 - Director Safety and Environmental Harsco Corporate

Glenn Hundertmark – 1992 to present – Manager Environmental Compliance Harsco Metals

Steve Stanislawczyk – 1997-2001 (Harsco Corporate) and 2010 to present – Manger Environmental Compliance Harsco Minerals

All employees listed would have had limited information concerning the facilities past specific waste management procedures.

47. Financial Information: Provide a copy of the Company's certified annual financial statements for each of the most recent three years.

See attached information, obtained from Harsco's website.

48. Insurance and Indemnification:

- a. Provide a schedule of liability insurance policies that provided coverage for the Company with respect to the Facility. Please list all policies from the Company's initial ownership or initial operation of the Facility to the current date, showing

the insured, insurer, broker, or agent from whom you procured such insurance (if any), policy number, effective dates of the policy, and liability limits. Provide a copy of the Declaration Page for each such insurance policy. For any insurance policy that the Company no longer has in its possession, provide a copy of relevant records tending to show the existence of such policy;

See attached

- b. Provide a schedule of casualty insurance policies since the time of initial ownership or operation of the Facility, with the same information called for in the previous subparagraph that may provide coverage for cleanup of the Facility;

No relevant information has been identified at the time of this response.

- c. Has the Company made claims under any policy in connection with environmental liability or environmental casualty in connection with the Facility? If the Company has ever made such a claim, provide a copy of all notices and correspondence in connection with such claim and state the disposition of such claim;

The Company has not made any such claims under any policy in connection with the Facility.

- d. Identify each entity that may have a duty to indemnify the Company for any potential liability in connection with the Facility or the Site, identify the circumstances giving rise to the indemnity and provide a copy of any document that reflects a requirement to indemnify the Company; and

None known

- e. Identify each entity that the Company has agreed to indemnify for any potential liability in connection with the Facility or the Site, identify the circumstances giving rise to the indemnity and provide a copy of any document that reflects a requirement to indemnify by the Company.

To the best of Harsco's knowledge we did not indemnify anyone for potential liability in connection with the Facility.

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION
NEWTOWN CREEK SUPERFUND SITE

State of Pennsylvania:

County of Cumberland:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that the Company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or my Company's response thereto should become known or available to the Company.

Stephen Stanishwzyk

NAME (print or type)

Environmental Manager

TITLE (print or type)

Harsco Corporation

COMPANY NAME

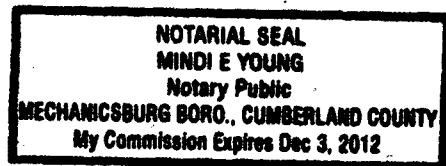
[Signature]
SIGNATURE

Sworn to before me this 3 day of 4, 2012

[Signature]
Notary Public

My commission expires: 12/3/12

[STAMP OR SEAL]





STATE OF NEW YORK
DEPARTMENT OF STATE
CERTIFICATE OF AUTHORITY

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I Do Hereby Certify, that.....

HARSCO CORPORATION,

which appears from documents filed in the Department of State on the
twenty-ninth day of March, 1956,

to be a foreign corporation created under the laws of the State of
Delaware - - - - -, is authorized to do, in this state,
the business set forth in the statement and designation, a copy of which is hereto
annexed.

Witness my hand and the official seal of the
Department of State, at the City of Albany,
this 29th day of March, 1956.

Carmines G. Desjardis

Secretary of State

By *Samuel London*
Deputy Secretary of State

STATEMENT AND DESIGNATION

OF

HARSCO CORPORATION

Pursuant to Section Two Hundred Ten

of the

General Corporation Law

Harsco Corporation, a foreign corporation desiring to do business in the State of New York pursuant to the provisions of Section Two Hundred Ten of the General Corporation Law, DOES HEREBY CERTIFY as follows:

FIRST: That it is a stock corporation formed under the laws of the State of Delaware.

SECOND: That its office within the State of New York shall be located in the City and County of New York and the address where the Secretary of State shall forward process is Registrar and Transfer Company, 50 Church Street, New York 7, New York.

THIRD: That the business which it proposes to do within the State of New York is:

Manufacturing, buying, selling, fabricating, prefabricating, casting, processing, extracting and otherwise handling and dealing in iron and steel, other metals and plastics and steel products, other metal products and plastic products, singly and in combination, both on its own account and for others.

FOURTH: That the aforesaid business is a business authorized by its Certificate of Incorporation.

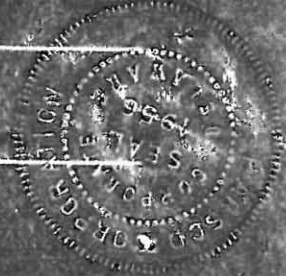
FIFTH: That said corporation hereby designates the Secretary of State of the State of New York, and his successors in office, as its agent upon whom all process in any action or proceedings against it may be served within the State of New York.

SIXTH: That annexed hereto is a certificate by the public officer of the State of Delaware having custody of the original certificate of incorporation or by a public officer authorized by the laws of such state to make such certificate, to the effect that the corporation is an existing corporation in the state of its incorporation.

IN WITNESS WHEREOF, said Harsco Corporation has caused this Statement and Designation to be executed by its officer thereunto duly authorized this Fifteenth day of March, 1956.

Harsco Corporation

By C. R. March
Secretary



COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF DAUPHIN) SS:

C. R. March, being duly sworn deposes and says that he is the Secretary of Harsco Corporation, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

Commonwealth of Pennsylvania, Dauphin County, ss:

I, MILES B. ZIMMERMAN, Jr., Prothonotary of the County of Dauphin in the Commonwealth of Pennsylvania, and also Prothonotary of the Court of Common Pleas, the same being a Court of Record of the aforesaid County, having by law a seal, do hereby certify that.....

Jester G. Sutton
by whom the foregoing Affidavit was taken,
and whose name in subscribed thereto, was at the time of taking the same

A. Notary Public residing in said County, duly commissioned and sworn and authorized by the laws of said Commonwealth to take the proof or acknowledgment of deeds and other instruments in writing to be recorded in said Commonwealth, and to administer oaths or affirmations in said County, and that I am well acquainted with his handwriting and verily believe that the signature to the foregoing certificate is genuine.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, which is the seal of said Court, this 16 day of March 1956

Miles B. Zimmerman Jr.
Prothonotary

AGREEMENT AND PLAN OF REORGANIZATION

THIS AGREEMENT AND PLAN OF REORGANIZATION, dated as of this 26th day of May, 1965 by and between HARSCO CORPORATION, a Delaware corporation (hereinafter called "Harsco") and IRVING SUBWAY GRATING CO., INC., a New York corporation (hereinafter called "Irving").

PLAN OF REORGANIZATION

This Plan of Reorganization shall consist of the acquisition by Harsco of substantially all of the properties of Irving in exchange solely for shares of Harsco's voting Common Stock, and the assumption by Harsco of substantially all of the liabilities of Irving, all as provided in the Agreement hereinafter set forth, but subject to the terms and conditions thereof. Following such transaction, the shares of Harsco Common Stock received by Irving will be distributed to the Common shareholders of Irving in exchange for the shares of Common Stock of Irving held by them and Irving will be completely liquidated and dissolved. Said Plan of Reorganization shall become effective and shall be carried out at the times and in the manner and subject to the terms and conditions as provided in the Agreement hereinafter set forth.

AGREEMENT

In order to consummate the foregoing Plan of Reorganization, and in consideration of the premises and of the representations, warranties and undertakings of the parties hereinafter set forth, Harsco and Irving hereby agree as follows:

1. Basis for Exchange. Irving agrees to transfer and convey to Harsco all of its assets and business (except cash as provided in paragraph 2(a) below) solely in exchange for (x) 41,300 fully paid and non-assessable shares of Common Stock of Harsco (the "Harsco shares"), and (y) the assumption by Harsco of obligations and liabilities of Irving as set forth in paragraph 2(b) below. The number of Harsco shares to be delivered as above provided shall be reduced by an amount equal to twice the number of shares of Common Stock

of Irving in respect of which the holders thereof shall at the Closing Date have an enforceable right to receive, or shall have received, payment as provided in Sections 910 and 623 of the New York Business Corporation Law. If, after the Closing Date, any such holder shall for any reason lose his right to receive payment for his shares of Irving Common Stock and shall again become entitled to receive Harsco shares in exchange therefor, Harsco agrees to deliver to Irving two shares of Harsco Common Stock in respect of each share of Irving Common Stock owned of record by such holder. The number of Harsco shares to be delivered as aforesaid will be appropriately increased to reflect any split-up of Harsco Common Stock effective prior to the Closing Date or any stock dividend on Harsco Common Stock in respect of which the record date occurs prior to the Closing Date.

2. The Closing, etc. The transfer of Irving's properties and assets to Harsco and payment therefor by Harsco (the "Closing") shall take place at Harsco's office, Tenth and Herr Streets, Harrisburg, Pennsylvania, at 10:00 A. M. on July 7, 1965 or at such later date or other place as shall be fixed by mutual consent of the parties (such date being herein called the "Closing Date"), provided that if the court order referred to in paragraph 16 hereof is not entered by July 7, 1965, Harsco shall have the right to extend the Closing Date on one or more occasions to a date not later than 30 days after such order is entered. If the Closing does not occur on the Closing Date provided for herein (including any extension thereof by reason of the non-issuance of such court order), this Agreement shall terminate and neither of the parties shall have any obligation one to the other.

(a) Irving may retain from the assets deliverable hereunder (i) an amount in cash, not to exceed \$100,000, estimated by it to be sufficient to pay its liabilities to any of its shareholders who perfect their right to receive payment for their shares of Irving Common Stock in accordance with the provisions of Sections 910 and 623 of the New York Business Corporation Law, (ii) an amount in cash, not to exceed \$16,500, estimated by it to be sufficient to pay the liquidation preference, including accrued and unpaid dividends, on the outstanding shares of its Preferred Stock, \$25 par value per share, and (iii) an amount in cash, not to exceed \$41,500, estimated by it to be sufficient to pay its other liabilities not to be assumed by Harsco and all expenses incurred by Irving in connection with this Agreement and the transactions herein

provided for, including its dissolution and the distribution of the Harsco shares to its shareholders, but such moneys shall not be used to pay any liability arising out of the breach of any covenant, warranty or representation contained in this Agreement. At the Closing, Irving shall, by appropriate deeds, assignments, bills of sale or other documents of transfer and any necessary consents, with any required tax stamps affixed thereto at Irving's expense, transfer to Harsco all of its other property and assets. Following the Closing, Irving will as promptly as possible pay or provide for all of its expenses and its liabilities not assumed by Harsco and shall then pay to Harsco any balance remaining of the cash retained by it.

(b) At the Closing, Harsco will deliver to Irving one or more written instruments of assumption in such form as Irving shall reasonably request to effect or evidence the assumption by Harsco of all of the liabilities and obligations of Irving, whether accrued, absolute, contingent or otherwise, existing on the Closing Date, except (i) any liabilities or obligations of Irving for expenses or income taxes arising out of or resulting from this transaction or to the holders of stock of Irving in their capacities as such holders, (ii) any liability or obligation which Irving may have at the Closing Date to Rensselaer Polytechnic Institute, or (iii) any liability arising out of any breach of any covenant, warranty or representation contained in this Agreement.

(c) At the Closing, Harsco will deliver to Irving certificates for the number of Harsco shares deliverable in accordance with the provisions of paragraph 1 above, with all requisite Federal transfer taxes to be paid by Harsco, such certificates to be in such denominations as Irving shall request in writing not less than five days prior to the Closing Date.

3. Further Assurances. Irving will, from time to time at the request of Harsco, whether at or after the Closing Date, execute such other and further instruments of conveyance, assignment, transfer and consent, as Harsco may reasonably require for the most effective conveyance and transfer of any of the property and assets of Irving to be transferred hereunder and Irving will assist Harsco in the collection and reduction to possession of such property and assets.

4. Agreements of the Parties. It is further agreed as follows:

(a) Irving will, to the extent permitted by law and as part of the Closing, transfer to Harsco the right to the use of the former's corporate name and will forthwith after the Closing change its name to one having no similarity to "Irving Subway Grating Co., Inc." The transfer of such name and the use thereof by Harsco shall be accompanied and accomplished by appropriate consents or approvals of shareholders and directors. As soon as practicable after the Closing, Irving will effect its dissolution and liquidation, by distributing to its Common shareholders, in exchange for their Irving Common Stock, the Harsco shares delivered to Irving hereunder.

(b) Irving will not sell any Harsco shares received in exchange hereunder, or make any other disposition thereof, except to its shareholders as part of its liquidation, unless in the opinion of Harsco's counsel such sale or other disposition may be made without registering such shares under, and without violating, the Securities Act of 1933, as amended. Irving further agrees to use its best efforts to obtain, from each person listed as an "affiliate" of Irving in Schedule A of the opinion letter of counsel for Harsco to the Securities and Exchange Commission, dated April 20, 1965, an agreement that such person will not sell or otherwise dispose of any Harsco shares except in compliance with said Securities Act.

(c) Harsco and Irving will each take such steps as may be necessary on their respective parts to comply with any so-called State Securities or Blue Sky Laws applicable to the action to be taken by them in connection with the delivery by Harsco to Irving of the Harsco shares and the distribution of such shares by Irving to its shareholders.

(d) Irving agrees to use its best efforts to preserve its business organization intact, to keep available the services of its present employees, to maintain satisfactory relationships with its suppliers, customers and others having business relations with it and to transfer to Harsco at the Closing such business organization as a going concern.

(e) Irving agrees that it will use its best efforts to obtain the consent of the holders of its

outstanding indebtedness, where required, to the transactions contemplated by this Agreement, and of the lessor of any leasehold interest requiring such consent to the assignment by the lessee in accordance with the terms hereof.

(f) Irving agrees to call a meeting of its shareholders to be held on or prior to June 30, 1965, for the purpose of voting upon and approving this Agreement and Plan of Reorganization, and the transfer of assets, dissolution, liquidation and change of name of Irving in accordance with the provisions hereof, and to furnish its shareholders such information as shall be necessary so that such shareholders will be duly and fully informed concerning the matters to be acted upon at said meeting.

(g) Harsco agrees, following the Closing, to comply with the provisions of the Uniform Commercial Code-- Bulk Transfers as adopted in the State of New York, and Irving agrees to cooperate fully with Harsco in complying with such statute.

(h) Irving and Harsco shall fully cooperate each with the other and their respective counsel and accountants in connection with any steps required to be taken as a part of their obligations under this Agreement, including the preparation of financial statements and the supplying of information to the Irving shareholders in connection with the meeting thereof as set forth above.

5. Representations, Warranties and Agreements of Irving. Irving represents, warrants and agrees as follows:

(a) Organization, Capitalization, etc. Irving is a corporation duly organized, validly existing and in good standing under the laws of the State of New York and has due corporate power to carry on its business as it is now being conducted. Irving's authorized capital stock consists of 30,000 shares of Common Stock, \$5.00 par value, of which 20,650 shares are validly issued and outstanding, fully paid and non-assessable, and 2,000 shares of Preferred Stock, \$25 par value, of which 640 shares are validly issued and outstanding, fully paid and non-assessable; 500 shares of issued Common Stock are held as treasury stock. There are no existing options, contracts, calls, commitments or demands of any

character to which Irving is a party relating to Irving's authorized and issued or unissued capital stock.

(b) Irving Subsidiaries. There is attached to this Agreement Exhibit A-1 listing each subsidiary of Irving, its total authorized capital stock, its total issued and outstanding capital stock, and the record and beneficial ownership of the shares of such stock. Each such subsidiary is duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization and has the corporate power to carry on its business as it is now being conducted. All outstanding shares of stock of each such subsidiary have been duly and validly authorized and issued, are validly outstanding, fully paid and non-assessable and are owned of record and beneficially by Irving or by a wholly-owned subsidiary of Irving, free and clear of any lien or encumbrance thereon, except that four (4) shares of the capital stock of Enrejados Irving de Mexico, S.A. are held of record by certain directors and/or employees of Irving as set forth on said Exhibit A-1. There are no existing options, contracts, calls, commitments or demands of any character relating to the authorized and issued or unissued capital stock of any of such subsidiary corporations. For the purposes of this Agreement, Irvico Realty Corporation, a New York corporation, all of the outstanding capital stock of which is indirectly owned by Irving, shall be deemed to be a "subsidiary" of Irving.

(c) Qualification or Licensing to Carry On Business. Irving is duly qualified to transact business as a foreign corporation in the state of Kansas. Except as set forth above, neither the character of the properties owned by Irving or by any of its subsidiaries, nor the nature of the business transacted by any of them, makes necessary its qualification or licensing as a foreign corporation in any other jurisdiction.

(d) Information to be Furnished. Irving will furnish promptly all the information required to be furnished Harsco pursuant to this Agreement, and all such information shall be true and correct.

(e) Financial Statements. Irving has delivered to Harsco the financial statements described in clauses (i) and (ii), and will use its best efforts to deliver to Harsco, not later than May 22, 1965, the financial statements described in clause (iii), all of which, except as

may be shown on Exhibit A-1, are or will be true and complete in all material respects and have been or will be prepared in accordance with generally accepted accounting principles consistently followed throughout the periods indicated:

(i) The consolidated balance sheet of Irving and its subsidiaries as at May 31, 1964 and the related consolidated statements of income and retained earnings for the four fiscal years then ended, all accompanied by the report of Ernst & Ernst, certified public accountants, together with an unaudited consolidated balance sheet of Irving and its subsidiaries as at February 28, 1965 and an unaudited consolidated statement of income and retained earnings for the nine months then ended, all accompanied by a certificate of Irving's Treasurer. Said balance sheets present fairly the consolidated financial position of Irving and its subsidiaries as at the dates thereof; and said statements of income and retained earnings present fairly the consolidated results of operations of Irving and its subsidiaries for the periods covered thereby.

(ii) The consolidating balance sheet of Irving and its subsidiaries as at May 31, 1964 and the related consolidating statements of income and retained earnings of Irving and its subsidiaries for the four fiscal years then ended, all accompanied by the report of Ernst & Ernst, certified public accountants. Said consolidating balance sheet presents fairly the financial position of Irving and each of its subsidiaries as at the date thereof; and said consolidating statements of income and retained earnings present fairly the results of their respective operations for the periods covered thereby.

(iii) A consolidated balance sheet of Irving and its subsidiaries as at April 30, 1965 and the related consolidated statement of income and retained earnings of Irving and its subsidiaries for the eleven months then ended, accompanied by the report of Messrs. Lybrand, Ross Bros. & Montgomery, certified public accountants, which report shall be approved by Messrs. Ernst & Ernst, said financial statements to be based on physical inventories taken April 30, 1965.

(f) Absence of Undisclosed Liabilities.

(i) Except as and to the extent reflected or reserved against in its May 31, 1964 consolidated balance sheet and except as to the matters set forth in Exhibit A-1 hereto, Irving and its subsidiaries, as of such date, had no liabilities or obligations (whether accrued, absolute, contingent or otherwise) of a nature customarily reflected or reserved against in a corporate balance sheet, including the related notes thereto, prepared in accordance with generally accepted accounting principles.

(ii) Except as and to the extent as will be reflected or reserved against in its April 30, 1965 consolidated balance sheet and except as to the matters set forth in Exhibit A-1 hereto, Irving and its subsidiaries, as of such date, shall have no liabilities or obligations (whether accrued, absolute, contingent or otherwise) of a nature customarily reflected or reserved against in a corporate balance sheet, including the related notes thereto, prepared in accordance with generally accepted accounting principles.

(g) Tax Matters. Irving and each of its subsidiaries has filed with the appropriate governmental agencies all tax returns required to be filed with such agencies, is not in default with respect to any such filings and has paid all taxes shown as due on said returns and all assessments in respect of such taxes which have become due, other than taxes or assessments which are being contested in good faith. Except as set forth in Exhibit A-1 hereto, Irving does not know of any taxes which are in dispute or are being contested, and except as aforesaid the provision for taxes on Irving's May 31, 1964 consolidated balance sheet is adequate and has been prepared in accordance with good tax accounting principles and, except as aforesaid, the provision to be made for taxes on Irving's April 30, 1965 balance sheet will contain a provision for accrued and unpaid taxes on the basis of good tax accounting principles. The Federal income tax returns of Irving and its subsidiaries have been audited as set forth in Exhibit A-1. The aggregate amount of assets of Irving and its subsidiaries as to be set forth on its April 30, 1965 consolidated balance sheet will not be more than 111% of the aggregate amount of the basis of such assets as claimed on the United States and Mexican Federal income tax returns of Irving and its subsidiaries in accordance with generally accepted tax accounting principles consistently applied.

(h) Absence of Certain Changes or Events.
 Since May 31, 1964, there has not been:

(i) Any change in Irving's consolidated financial condition, assets, liabilities or business, other than changes in the ordinary course of business, none of which has been materially adverse, and neither Irving nor any of its subsidiaries has incurred any indebtedness for money borrowed other than the sum of \$100,000 which has been borrowed on a short-term basis by Irving from Manufacturers Hanover Trust Company;

(ii) Any declaration, setting aside or payment of any dividend or other distribution in respect of Irving's capital stock other than (1) the payment of regular quarterly dividends on Irving's outstanding Preferred Stock in an aggregate amount not exceeding \$720, and (2) the payment of a dividend on Irving's outstanding Common Stock on September 15, 1964 in the amount of \$41,300, nor has there been any direct or indirect redemption, purchase or other acquisition of any of Irving's outstanding capital stock, nor has Irving authorized the creation or issuance of, or issued, any additional shares of capital stock or agreed to take any such action;

(iii) Except as set forth in Exhibit A-2 hereto, any increase in the compensation payable or to become payable by Irving or any subsidiary to any officer, employee or agent who, after such increase, had a total annual rate of compensation in excess of \$10,000, or any increase in any bonus, percentage compensation, service award or other like benefit, granted, made or accrued to or to the credit of any of the officers, employees or agents of Irving or of any of its subsidiaries, or in any pension, retirement or similar payment or arrangement made or agreed to by Irving or by any of its subsidiaries;

(iv) Any contract or commitment entered into by or on behalf of Irving or any subsidiary except usual contracts for the purchase and sale of products and services in the ordinary course of business; or

(v) Any significant labor trouble, except for a strike of employees of Irving Subway Grating

Co., Western Division, which commenced April 2, 1965, and terminated on April 18, 1965, or any other event or condition of any character which has materially and adversely affected Irving's business or the business of any of its subsidiaries.

(i) Accounts Receivable. The consolidated accounts receivable of Irving and its subsidiaries, without deduction of any allowance for doubtful accounts, as will be shown on Irving's April 30, 1965 consolidated balance sheet will be collectible in amounts equal to not less than 96% of the aggregate face amount thereof, and there are no accounts receivable as to which Irving or any subsidiary has any contingent liability.

(j) Inventories. The inventories of Irving and of each of its subsidiaries shown on Irving's May 31, 1964 consolidated balance sheet and as will be shown on Irving's April 30, 1965 consolidated balance sheet, consist or will consist of items of a quality and quantity usable or salable in the normal course of the business of Irving and of its subsidiaries; the value of all substantial items of obsolete materials and of material of below standard quality has been or will be, as of April 30, 1965, written down to realizable market value or adequate reserves provided therefor; and the values at which such inventories are carried reflect or will reflect the normal inventory valuation policy of Irving and of its subsidiaries of stating the inventory at cost, not in excess of market.

(k) Title to Properties; Absence of Liens and Encumbrances, etc. Irving and each of its subsidiaries has, and at the Closing will have, good and marketable title to all its properties and assets, real and personal, reflected in Irving's May 31, 1964 consolidated balance sheet, other than such properties as shall have been sold or otherwise disposed of in the ordinary course of business since said date, free and clear of all liens, encumbrances or charges of any kind or character, except (i) the lien of current taxes not yet due and payable, (ii) such imperfections of title, easements and encumbrances, if any, as are not substantial in character, amount or extent, and do not materially detract from the value, or interfere with the present use, of the properties subject thereto or affected thereby, and (iii) the lien of a mortgage to the Executors under the last will and testament of Walter E. Irving, relating to certain property owned by Irvico Realty Corporation, in the original

principal amount of \$160,000. Neither Irving nor any of its subsidiaries has received notice of violation of any applicable zoning regulation, ordinance or other law, order, regulation or requirement relating to its operations or its owned or leased properties other than an order of the New York City Fire Department requiring the installation of sprinkler equipment at Irving's facilities located in Long Island City, New York, and, except as set forth herein, so far as known to Irving and to each of its subsidiaries, there is no such violation. All the leaseholds of Irving and of each of its subsidiaries in effect by law and by possession on the date hereof are valid and subsisting, and no defaults exist thereunder.

(l) Pension Plans. Neither Irving nor any subsidiary has in effect a pension or retirement plan for its employees or is presently obligated to make any present or future payment under any pension plan now or heretofore in effect, other than a Pension Program for employees of Irving Subway Grating Co., Western Division provided for in the Master Agreement between said Western Division, as a member of California Metal Trades Association, and The International Association of Machinists, nor, except as set forth herein, is any employee or former employee entitled to receive any present or future pension benefits, except pursuant to certain voluntary pension arrangements between Irving and certain former employees described in Exhibit B-1, hereto.

(m) Litigation. Except as set forth in Exhibit B-2 hereto, no litigation, proceeding or controversy is pending or threatened against Irving or any of its subsidiaries the outcome of which can materially adversely affect the operation or business of Irving or such subsidiary and all such actions based on negligence or, insofar as personal injuries are concerned, based on breach of warranty or violation of labor or similar codes, are, in the opinion of Irving, adequately covered by insurance.

(n) Patents, Trademarks, etc. Irving and its subsidiaries own or possess all the necessary patents, patent license rights, trademarks, trade names and copyrights necessary to conduct their respective businesses as now operated and neither Irving nor any subsidiary is in receipt of any notice of conflict with asserted rights of others in any patents, patent license rights, trademarks, trade names and copyrights.

(o) Purchase Orders. Outstanding purchase order for equipment, raw materials and supplies are limited to normal amounts required for the ordinary and necessary operation of Irving and its subsidiaries at their present level of activity.

(p) Contractual Defaults. Neither Irving nor any of its subsidiaries is, or at the Closing will be, in default with respect to any obligation on its part to be performed under any contract or agreement to which it is a party. Neither the execution and delivery of this Agreement nor its consummation will constitute a default by Irving or by any of its subsidiaries under any contract or impose any penalty upon either Irving or any subsidiary or Harsco in the performance of such contract, or accelerate the performance thereof, or result in the creation of any lien, charge or encumbrance upon any of the properties or assets of Irving or of any of its subsidiaries.

(q) Resignations, etc. At or prior to the Closing, Irving shall deliver to Harsco the written resignations of such of the directors and officers of Irving's subsidiaries as Harsco shall request, together with appropriate assignments of any shares of any subsidiary held by directors and/or employees of Irving.

(r) 1965 Net Income. Irving shall have had net income of not less than \$200,000 for the eleven month period ended April 30, 1965, as shown on the consolidated statement of income and retained earnings for the period then ended referred to in paragraph 5(e)(iii). In determining net income for the purposes of this subparagraph (r) any charge against net income for the 11 months ended April 30, 1965 is made by reason of an adjustment of tax liability for prior years in respect of the matter referred to under "Tax Matters" in Exhibit A-1 shall be disregarded, it being further understood and agreed that Irving shall not have any responsibility to Harsco in respect of its net income for said 11-months period under the representations set forth in paragraph 5(e) as long as such net income shall be in excess of said amount of \$200,000.

6. Information to be Delivered to Harsco. Irving agrees promptly to deliver to Harsco the following documents and lists, certified correct by authorized officers of Irving, except where otherwise specified:

(a) Articles of Incorporation or other similar document, as amended to date, certified by the Secretary of State or similar officer of the jurisdiction of organization of Irving and of each of its subsidiaries,

and the By-laws of Irving and each of its subsidiaries, certified correct by an authorized officer of Irving.

(b) A summary description of all real property owned of record or beneficially by Irving or any subsidiary and a brief description of all buildings and structures located thereon, and of all leases to which Irving or any subsidiary is a party.

(c) To the extent available, a list of inventories of materials, merchandise, machinery, equipment, furniture and fixtures as recorded in the books of account and records of Irving and each subsidiary and reflected in Irving's May 31, 1964 consolidated balance sheet, and all major additions thereafter.

(d) A list of all patents, patent applications, trademarks, trademark registrations and applications therefor, trade names, copyrights, copyright registrations and applications therefor, patent licenses, contracts with employees or others relating in whole or in part to disclosure, assignment or patenting of any inventories, discoveries, improvements, processes, formulae or other know-how, and all patent and other licenses granted by Irving or any subsidiary to others in force as of the date of this Agreement.

(e) A list of all automobiles, trucks, airplanes, boats and other similar items of equipment owned by Irving or any subsidiary.

(f) A list of all policies of insurance in force with respect to Irving or any subsidiary.

(g) A list of all presently existing contracts and commitments of Irving or any subsidiary involving more than \$5,000, and such other contracts as, in the judgment of Irving, otherwise materially affect the properties or business of Irving or such subsidiary, and copies of all term loans and mortgage agreements.

(h) The names and current annual salary rates of all of the present directors and officers of Irving and each subsidiary, and also of any other employee of Irving or any subsidiary whose current annual salary rate is \$10,000 or more, together with a summary of the bonuses, percentage compensation or other like benefits, if any, paid or payable to such persons during the calendar year 1964 and to date, and of any agreements or understandings, whether or not in writing, relating to

employment for a period of more than one year or as to bonuses, profit sharing or similar arrangements.

(i) The name of each bank, together with the name of each account, in which Irving or any subsidiary has an account or safe-deposit box; the names of all persons authorized to draw thereon or to have access thereto; and the names of any persons holding powers of attorney with respect to the properties or business of Irving or any subsidiary.

(j) Copies of all collective bargaining agreements to which Irving or any subsidiary is a party.

(k) Copies of all agency, distributorship, manufacturer's representative and joint venture agreements through which Irving or any subsidiary conducts its business.

(l) Copies or descriptions of all group insurance policies and other contracts or arrangements pertaining to employee benefits.

(m) A list and summary of all litigation proceedings and governmental investigations pending against Irving or any of its subsidiaries.

7. Representations and Warranties by Harsco. Harsco represents and warrants that:

(a) Harsco is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and has due corporate power to carry on its business as it is now being conducted.

(b) The authorized capital stock of Harsco consists of 5,000,000 shares of common stock, of the par value of \$1.25 per share, of which 3,955,717 shares, including treasury shares, are validly issued and outstanding, fully paid and non-assessable.

(c) There has been and at the Closing will be, no material change in the business, properties or condition, financial or otherwise, of Harsco and its consolidated subsidiaries as shown in the consolidated balance sheet thereof as at December 31, 1964 (a copy of which, together with the related consolidated statements of income for the year ended on said date, accompanied by a report of Lybrand, Ross Bros. & Montgomery, certified public accountants, has been delivered to Irving) other

than the acquisition of all of the outstanding capital stock of Perfection Steel Body Corporation, Cobey Corporation and Eagle Crusher Company, Inc. and the disposition of the properties and assets of the Standard Die Set Co. Division, and other than changes occurring in the ordinary course of business, none of which changes, acquisitions or dispositions have materially adversely affected its business, properties or financial condition; said financial statements have been prepared in conformity with generally accepted accounting principles applied on a consistent basis; said consolidated balance sheet presents fairly the financial position of Harsco and its consolidated subsidiaries at December 31, 1964; and the related consolidated statement of income presents fairly the results of the operations of Harsco and its consolidated subsidiaries for the fiscal year then ended.

(d) Neither the execution of this Agreement nor its consummation will be in contravention of Harsco's Certificate of Incorporation or By-laws, or constitute a default by Harsco under any agreement to which it is a party or by which it is bound.

(e) The execution, delivery and performance of this Agreement by Harsco have been, or prior to the Closing will be, duly and effectively authorized by all requisite corporate action.

(f) The Harsco shares to be delivered pursuant to this Agreement will, when so delivered, constitute validly issued and outstanding, fully paid and non-assessable shares of Common Stock of Harsco and will be duly listed on the New York Stock Exchange.

8. Access to and Information Concerning Properties and Records, etc. Irving hereby agrees that it will give, or cause to be given, to Harsco and to Harsco's counsel, accountants, engineers and other representatives full access at Irving's offices in Long Island City, New York, during normal business hours throughout the period prior to the Closing, to all of the properties, books, contracts, commitments and records of Irving and its subsidiaries, and will furnish Harsco during such period with all such information concerning the affairs of Irving and its subsidiaries as Harsco may reasonably request; provided, however, that if any of such data relating to the subsidiaries of Irving cannot be made available for inspection at Irving's said office, without causing unreasonable expense to Irving or undue interference

with the conduct of the business of such subsidiary, such data may be made available as aforesaid at the principal office of such subsidiary.

9. Conduct Pending the Closing. Irving agrees that, pending the Closing and except as may be otherwise consented to or approved by Harsco in writing:

(a) The business of Irving and its subsidiaries shall be conducted only in ordinary course, without the creation of any indebtedness for money borrowed (other than the extension of the indebtedness referred to in paragraph 5(h)(i) hereto) or the extension of any credit or the making of any loans, and Irving and its subsidiaries shall maintain in force all the insurance policies referred to in paragraph 6(f) or insurance policies providing substantially the same coverage, but shall not make any commitment for insurance extending beyond June 30, 1965.

(b) Neither Irving nor any subsidiary will make any commitment for capital expenditures for additions to physical plant or manufacturing equipment having an aggregate cost in excess of \$20,000, or having a cost in excess of \$5,000 in respect of any one item, nor sell or dispose of any capital assets other than in the ordinary course of business.

(c) No change shall be made in the Articles of Incorporation or Charter or By-laws or other similar document of Irving or any subsidiary, except as may be necessary to carry out the provisions of this Agreement.

(d) No shares of capital stock of Irving or of any subsidiary shall be authorized for issuance or issued; and no option or commitment shall be granted or made by Irving relating to the authorized and issued or unissued capital stock of Irving or any subsidiary.

(e) No dividend shall be declared or paid, and no other distribution or payment shall be made or paid, in respect of any shares of Irving's capital stock, except that (i) Irving may pay its regular quarterly dividend on its outstanding Preferred Stock in respect of the second calendar quarter of 1965 in an amount not exceeding \$37-1/2 per share, and (ii) if the Closing shall not occur on or prior to the record date for the August 1, 1965 dividend on Harsco Common Stock, Irving may pay a dividend on its outstanding Common Stock in an amount not exceeding \$.80 per share, nor shall any

shares of Irving's capital stock be, directly or indirectly, redeemed, purchased or otherwise acquired.

(f) Except as set forth in Exhibit A-2 hereof, no increase shall be made in the compensation payable or to become payable by Irving or any subsidiary to any officer, employee or agent if, after such increase, the total annual rate of compensation of such person would exceed \$10,000; and no written employment contract or any bonus, stock option, profit sharing, pension, retirement or other similar payment or arrangement shall be made or entered into by Irving or any subsidiary.

(g) No change shall be made in the banking, safe deposit or power of attorney arrangements reflected in the list referred to in paragraph 6(1).

(h) Irving will duly comply, and cause each subsidiary to comply, as advised by its counsel, with all laws applicable to it and to the conduct of its business as provided in this Agreement.

10. Conditions Precedent to Harsco's Obligations Hereunder. All obligations of Harsco under this Agreement are subject to the fulfillment, prior to or at the Closing, of each of the following conditions:

(a) Since May 31, 1964, no change other than as contemplated or permitted by this Agreement or other than in the ordinary course of business, shall have occurred in the property, business or condition, financial or otherwise, of Irving or any subsidiary, which shall have been material and adverse.

(b) The representations and warranties of Irving contained in this Agreement shall be true on and as of the date of the Closing with the same effect as if said representations and warranties had been made on and as of such date; Irving shall have performed and complied with all agreements and conditions required by this Agreement to be performed or complied with by it prior to or at the Closing; and Harsco shall have been furnished with a certificate of the President and Treasurer of Irving, dated the Closing Date, certifying in such detail as Harsco may request to the fulfillment of the foregoing conditions.

(c) Harsco shall have been furnished with (1) certified copies of resolutions duly adopted by the holders of at least two-thirds of Irving's issued and

outstanding Common Stock approving this Agreement and Plan of Reorganization and the transfer of substantially all of Irving's property in accordance with the provisions hereof, and approving Irving's dissolution following such transfer and the distribution to its shareholders of the Harsco shares pursuant to the provisions of this Agreement, (2) copies, duly certified by the Secretary of State of the State of New York, of a Certificate of Amendment of Irving's Certificate of Incorporation effecting the change of its name in accordance with this Agreement, (3) certified copies of resolutions duly adopted by the Board of Directors of Irving approving the execution and delivery of this Agreement, the adoption of the Plan of Reorganization and authorizing all necessary or proper corporate action to enable Irving to comply with the terms of this Agreement, and (4) a favorable opinion, dated the Closing Date, of Messrs. Whitman, Ransom & Coulson, counsel for Irving, to the effect that:

(i) Irving is a corporation duly organized, validly existing and in good standing under the laws of the State of New York and has the corporate power to carry on its business as it is then being conducted.

(ii) Each subsidiary of Irving is duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization and has the corporate power to carry on its business as it is then being conducted.

(iii) All of the outstanding shares of capital stock of each subsidiary of Irving, in the number specified on Exhibit A-1 attached to this Agreement, have been duly and validly authorized and issued, are validly outstanding, and are fully paid and non-assessable, and Irving is the record and beneficial owner of all of the outstanding shares of capital stock of each such subsidiary, except that (1) all of the outstanding capital stock of Irvico Realty Corporation is held of record by Irving Subway Grating Co., Western Division, and (2) four (4) shares of the capital stock of Enrejados Irving de Mexico, S.A. are held of record by certain directors and/or employees of Irving, which shares are held for the benefit of Irving.

(iv) Irving has full power and authority to make, execute, deliver and perform this Agreement;

this Agreement and the Plan of Reorganization have been duly authorized and approved by proper corporate action of Irving, including all requisite action by its shareholders; and this Agreement constitutes the valid and legally binding obligation of Irving in accordance with its terms.

(v) Irving and each of its subsidiaries has good and marketable title in fee simple to their respective real properties, and good and marketable title to their respective personal properties, as stated in paragraph 5(k) above, free and clear of all liens and encumbrances, except as set forth in said paragraph 5(k).

(vi) The instruments of assignment, transfer and conveyance to Harsco are in all respects in compliance with this Agreement and are sufficient to vest in Harsco Irving's title to all its business properties and assets intended to be transferred hereunder.

(vii) All other actions and proceeding required by law or this Agreement to be taken by Irving, at or prior to the Closing, in connection with this Agreement and the transactions provided for herein, have been duly and validly taken.

(viii) Except as may be specified by said counsel or as set forth in Exhibit B-2 hereto, they do not know of any litigation, proceeding or governmental investigation pending or threatened against or relating to Irving or any of its subsidiaries or their respective properties or business, or the transactions contemplated by this Agreement, or of any legal impediment to the continued operation of the business of Irving or any of its subsidiaries.

Such opinion shall also cover such other matters incident to the transactions contemplated herein as Harsco's counsel may reasonably request. In lieu of rendering their opinion with respect to the laws of any jurisdiction other than New York or with respect to title to property in any jurisdiction other than New York, Messrs. Whitman, Ransom & Coulson may furnish the opinion or opinions of other counsel satisfactory to Harsco and its counsel.

(d) Harsco shall have been furnished with a favorable opinion, dated the Closing Date, of Messrs. Cummings & Lockwood, in form and substance satisfactory to Harsco and its counsel, to the effect that the Executors and Trustees under the Will of Walter E. Irving, deceased, had the authority to vote the shares of Irving held by them, and did so vote said shares, in favor of this Agreement and the transactions contemplated thereby, and that said vote is binding upon said Executors and Trustees and all beneficiaries, legatees and other persons interested in the estate of said Walter E. Irving. Such opinion shall also cover such other matters incident to the transactions contemplated herein as Harsco may reasonably request. In rendering their opinion with respect to the laws of any jurisdiction other than Connecticut, Messrs. Cummings & Lockwood may rely on the opinion or opinions of other counsel satisfactory to Harsco and its counsel.

(e) Harsco, if it deems it advisable and upon due application therefor, shall have received policies of title insurance at Harsco's expense (or commitments for such policies) or opinions of counsel or other evidence satisfactory to it and in form satisfactory to its counsel, Messrs. Nixon, Mudge, Rose, Guthrie & Alexander, covering the title of Irving to the real properties of Irving and its subsidiaries, any exceptions or defects specified in such policies, opinions or other evidence (and any exceptions, defects or violations relating to such properties or to the operations of Irving or its subsidiaries) to be subject, if not of the nature specified in paragraph 5(k) above, to the approval of such counsel of Harsco.

(f) Harsco shall have received a certified copy of an order of an appropriate court as to the power and authority of the Executors and Trustees under the Will of Walter E. Irving, deceased, as holders of record of shares of capital stock of Irving to vote in favor of the sale and transfer of the property and assets of Irving as provided in this Agreement.

(g) Harsco shall have received the written agreement to the effect set forth in the second sentence of paragraph 4(b) of each person listed as an "affiliate" of Irving in Schedule A of the opinion letter of counsel for Harsco to the Securities and Exchange Commission, dated April 20, 1965.

(h) Harsco shall have received an opinion, dated the Closing Date, of its counsel, Messrs. Nixon, Mudge, Rose, Guthrie & Alexander, to the effect that (i) the exchange of Harsco shares for the assets and business of Irving will be pursuant to a reorganization as defined in section 368(a)(1)(c) of the Internal Revenue Code, and (ii) the shares of Harsco's Common Stock to be delivered as provided in paragraph 1 above are not required to be registered under the Securities Act of 1933, as amended to the Closing Date.

(i) There shall be no action, proceeding, order, decree or judgment, entered, pending or threatened, on the Closing Date, against Irving, any of its subsidiaries, or Harsco, the effect of which shall be to enjoin or prevent the consummation of this Agreement, or which would materially affect the continued operation of the properties and business of Irving and its subsidiaries subsequent to the Closing.

(j) An investigation to be made by Harsco shall show that there have been no changes or developments in the properties or business of Irving or any of its subsidiaries which would have a materially adverse effect on the value of the business to be acquired.

(k) Harsco shall have received the consolidated balance sheet of Irving and its subsidiaries as at April 30, 1965 and the related consolidated statement of income and retained earnings of Irving and its subsidiaries for the eleven months then ended, accompanied by a report of Messrs. Lybrand, Ross Bros. & Montgomery which shall not be subject to any material qualification and the approval of Messrs. Ernst & Ernst, and there shall have been no material adverse change in the financial position of Irving or in the results of its operations as reflected on said financial statements from the financial position and results of operations of Irving as reflected in its financial statements of May 31, 1964.

(l) Harsco shall have received the written resignation of such of the officers and directors of Irving's subsidiaries as it shall have requested in accordance with paragraph 5(q) hereof, together with the assignments therein referred to.

(m) Irving shall have obtained the consents referred to in paragraph 4(e) hereof to the transactions contemplated by this Agreement.

11. Conditions Precedent to the Obligations of Irving Hereunder. The obligations of Irving under this Agreement are subject to the fulfillment, prior to or at the Closing, of each of the following conditions:

(a) Performance by Irving of its obligations under this Agreement shall have been duly authorized prior to the Closing Date by vote of the holders of not less than two-thirds of the issued and outstanding shares of Common Stock of Irving, except that, with regard to the change of Irving's corporate name, such authorization shall have been by the holders of not less than a majority of such shares.

(b) Messrs. Ernst & Ernst shall have approved the April 30, 1965 financial statements of Irving as set forth in paragraph 5(e)(iii), provided that if Messrs. Ernst & Ernst shall fail to approve said financial statements for any reason which, if correct, would result in a more favorable statement of financial position or results of operations, such failure to approve shall not relieve Irving of its obligation to perform under this Agreement.

(c) Since December 31, 1964, no change other than as set forth in this Agreement or other than in the ordinary course of business shall have occurred in Harsco's property, business or condition, financial or otherwise, which shall have been material and adverse.

(d) Harsco shall have delivered to Irving an opinion, dated the Closing Date, of Harsco's counsel, Messrs. Nixon, Mudge, Rose, Guthrie & Alexander to the effect that:

(i) Harsco is a corporation duly organized and validly existing and in good standing under the laws of the State of Delaware.

(ii) Harsco has full power and authority to make, execute, deliver and perform this Agreement; this Agreement and the Plan of Reorganization has been duly authorized and approved by proper corporate action of Harsco; this Agreement has been duly executed and delivered by Harsco and constitutes the valid and binding obligation of Harsco in accordance with its terms; and Harsco has duly assumed the liabilities and obligations of Irving to the extent provided in this Agreement.

(iii) The Harsco shares to be delivered pursuant to this Agreement as provided in paragraph 1 hereof have been duly and validly authorized and issued, are validly outstanding, are fully paid and non-assessable, are duly listed on the New York Stock Exchange, and are not required to be registered under the Securities Act of 1933, as amended to the Closing Date.

(e) A final order of an appropriate court shall have been entered approving the terms of this Agreement and the proposed plan of reorganization and the consummation thereof.

(f) Irving shall have received from its counsel, Messrs. Whitman, Ransom & Coulson, an opinion, dated the Closing Date, to the effect that for Federal income tax purposes the reorganization contemplated by this Agreement is a "tax free" reorganization under Section 368(a)(1)(C) of the Internal Revenue Code, and that (i) no gain or loss will be recognized to Irving for Federal income tax purposes upon the transfer by Irving of substantially all of its properties to Harsco, and (ii) no gain or loss will be recognized to any shareholder of Irving for Federal income tax purposes by reason of the distribution to such shareholder of shares of Harsco Common Stock upon the liquidation of Irving.

12. Survival of Representations and Warranties.

(a) The representations and warranties of the parties hereto shall survive the making of this Agreement, any examination on behalf of such parties, and the Closing hereunder, without the necessity of any other document being delivered at the Closing. All liabilities with respect to such representations and warranties, other than those set forth in paragraph 5(g) and except as the existence of tax liabilities (including penalties and interest, if any) may constitute a breach of any such representations and warranties, shall terminate and expire two years from the date hereof, provided, however, that such liabilities shall survive beyond said date in respect of any claim which shall be asserted in reasonable detail by written notice mailed on or prior to said date to the party against whom such claim is being asserted. Any liability with respect to the representations and warranties set forth in paragraph 5(g) hereof and any liability resulting from the existence of a tax liability (including penalties and interest, if any) which constitutes a breach

of any other representation or warranty contained in this Agreement shall survive until 30 days following the date Harsco shall receive written notice of the completion of Federal income tax audits covering all taxable periods commencing with the taxable year ending May 31, 1961 to and including the taxable year in which the assets of Irving are transferred to Harsco as provided herein, provided, however, that such liabilities shall survive beyond said date with respect to (i) any claim for additional taxes in respect of a taxable period for which Federal income taxes may be assessed at any time, and (ii) any claim in respect of taxes which shall be asserted by Harsco in reasonable detail by written notice mailed on or prior to said date to Irving. For the purposes of the preceding sentence, an audit shall be deemed to be completed upon written notification to the taxpayer by the Internal Revenue Service that no additional taxes will be assessed as a result of said audit or upon assessment by the Internal Revenue Service of the additional taxes asserted as a result of said audit, and the notice to Harsco referred to above shall include a statement of any amount so assessed. Each party against whom liability is asserted shall be given the opportunity to participate, directly or through his representative, at his expense in the conduct of any proceeding appropriate to resolve the issues giving rise to the alleged breach.

(b) Any aggregate liability of Irving to Harsco for the breach of any representation or warranty contained in this Agreement shall be limited to the amount by which any such liability exceeds the sum of:

(i) The aggregate amount of any increase (net of additional tax liability) in the net worth of Irving as at April 30, 1965 resulting from the inclusion in the Consolidated Balance Sheet of Irving and its subsidiaries as at that date of the aggregate amount of any assets not reflected on said balance sheet which should have been so reflected in accordance with generally accepted accounting principles applied on a consistent basis; plus

(ii) The aggregate amount (net of additional tax liability) of any over-statement of liabilities or of valuation reserves reflected in the Consolidated Balance Sheet as at April 30, 1965;

provided, however, that any increased tax liability used in the computations in clauses (i) and (ii) above shall not be deemed to be an undisclosed tax liability for the purposes of this Agreement to the extent that such tax liability is used for such purpose.

(c) The liability of any person with respect to any breach of a representation or warranty shall not exceed the aggregate liability for such occurrence multiplied by a fraction, the numerator of which shall be the number of shares of Harsco Common Stock which such person received upon the liquidation of Irving as contemplated by this Agreement and the denominator of which shall be 41,300.

13. Termination. This Agreement may be terminated at any time prior to the Closing Date upon written notice to the other party

(a) by Harsco, if a material adverse change in the financial condition or business of Irving shall have occurred, or Irving shall have suffered material loss or damage to any of its property or assets, which loss or damage materially affects or impairs the ability of Irving to conduct its business;

(b) by Harsco or Irving, if the number of shares of Common Stock of Irving as to which statutory rights of appraisal have been exercised exceeds 750;

(c) by Harsco or Irving, if the terms, covenants or conditions of this Agreement to be complied with or performed by the other party at or before the Closing shall not have been complied with or performed and such non-compliance or non-performance shall not have been waived by the party giving notice of termination.

Upon any such termination of this Agreement, neither Harsco nor Irving shall have any liability one to the other.

14. Choice of Law. This Agreement shall be construed in accordance with the laws of New York.

15. Finders, etc. Irving and Harsco each represents and warrants that it has not made any commitment or done any other act which would incur liability for any brokerage, finder's or similar fee or commission in connection with the transactions contemplated by this Agreement.

16. Agreement of Executors, etc. At or prior to the date hereof, Irving has delivered to Harsco the written agreement of the Executors and Trustees under the Will of Walter E. Irving, deceased, to the effect that they will diligently pursue the request for an order of the court to the effect set forth in paragraph 11(e) and will take all such action as shall be required to secure the prompt entry of such order.

17. Effect of Steel Strike. The parties to this Agreement are aware that a steel strike may take place during the summer of 1965. The parties hereto agree that the occurrence of such a strike shall not be considered a material adverse change within the meaning of this Agreement, and recognize that purchase orders of inventory and other commodities which may have been placed by Irving in contemplation of the possibility of this strike are in the normal course of business.

18. Notices, etc. All notices, requests, demands and other communications hereunder shall be in writing and shall be deemed to have been duly given if delivered or mailed, first class postage prepaid,

(a) If to Irving, Mr. James E. Irving,
President, Irving Subway Grating Co., Inc., 50-09 27th
Street, Long Island City, New York, or

(b) If to Harsco, Mr. Joseph T. Simpson,
President, Harsco Corporation, P. O. Box 2365,
Harrisburg, Pennsylvania.

19. Section and Paragraph Headings. The section and paragraph headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

20. Counterparts. This Agreement may be executed simultaneously in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

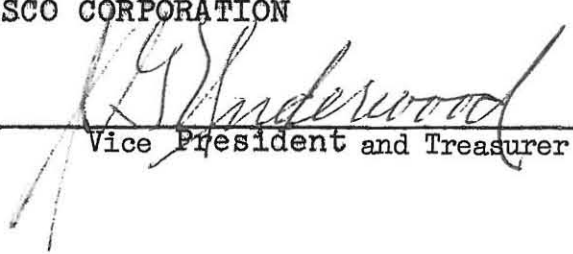
21. Parties in Interest. This Agreement shall inure to the benefit of and be binding upon Harsco and its successors and assigns, and upon Irving and its successors and, with the consent of Harsco, assigns; nothing in this Agreement, expressed or implied, is intended to confer upon any other person any rights or remedies under or by reason of this Agreement.

22. Modification. This Agreement may not be changed or modified except by an agreement in writing by Harsco and Irving.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement and Plan of Reorganization the day and year first above written, the same having been executed and delivered by Irving in Greenwich, Connecticut, and accepted, executed and delivered by Harsco in Harrisburg, Pennsylvania.

HARSCO CORPORATION

By

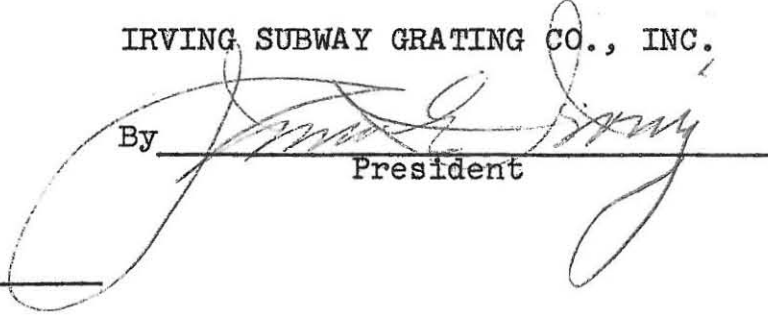

Vice President and Treasurer

ATTEST:

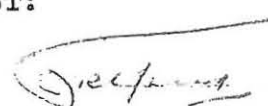

Secretary

IRVING SUBWAY GRATING CO., INC.

By


President

ATTEST:


Secretary

Agreement and Plan of Reorganization

EXHIBIT A-1

Irving Subsidiaries

<u>Subsidiary</u>	<u>Capital Stock- Authorized, issued and outstanding</u>	<u>Record and beneficial ownership of shares</u>
Irvingco Realty Corporation	200 Shares	Irving Subway Grating Co., Western Division
Irving Subway Grating Co., Western Division	1,000 Shares	Irving Subway Grating Co., Inc.
Enrejados Irving de Mexico, S.A.	37,291 Shares	37,287 shares held of record by Irving Subway Grating Co., Inc. 4 Shares held beneficially for Irving Subway Grating Co., Inc. by the follow- ing holders of record: 1-Share-James E. Irving 1 Share-James R. Young 1 Share-R. D. Brown 1 Share-C. M. Thomson

Absence of Undisclosed Liabilities

Irving is obligated to pay an additional \$8,735 under the Tacony-Elmira Bridge contract.

Tax Matters

Irving's federal income tax returns for the years ended May 31, 1961 and 1962 are being examined by the Treasury Department. The examining agent has proposed certain adjustments resulting in deficiencies of \$34,000 (not including interest). The Company is contesting such adjustments and the Internal Revenue Service conferee has orally agreed to certain modifications which would result in a reduction of such deficiencies by \$18,600 to \$15,400. The Company has

EXHIBIT A-1 (Con't)

orally agreed to accept adjustments resulting in deficiencies of \$7,800 leaving a proposed deficiency of \$7,600 remaining in contest. The balance still in contest is expected to be referred to the Appellate Division and its disposition will, to a great extent, depend on the outcome of a related proceeding involving a major stockholder of the Company. If adjustments are made for the years 1963, 1964 and 1965 on the same principles applied in making the adjustments for 1961 and 1962, it is not expected that there will be any aggregate net deficiency for those years on account of such adjustments. Additional state income and franchise taxes of a presently undetermined amount will also be payable on adjustments as finally determined.

The Company's federal income tax returns for the years subsequent to May 31, 1962 are subject to examination by the Treasury Department. The federal income tax returns of the Company's subsidiaries are subject to examination as follows: Irving Subway Grating Co., Inc. Western Division, years subsequent to May 31, 1961, Irvico Realty Company, years subsequent to May 31, 1961, and Enrejados Irving de Mexico, S.A., years subsequent to May 31, 1963. In addition, state and local tax returns of the Company and its subsidiaries are subject to examination.

Agreement and Plan of Reorganization

EXHIBIT A-2

Absence of Certain Changes or Events (Increase in Compensation)

The following is a list of all officers, employees or agents of Irving or its subsidiaries, who received an increase in compensation since May 31, 1964, and after such increase had a total annual rate of compensation in excess of \$10,000.

Irving Subway Grating Co., Inc.

<u>Officer, Employee or Agent</u>	<u>Increase</u>	<u>Current Annual Rate of Compensation</u>
C. S. Brady	\$1,000	\$12,700
I. Brandes	500	12,500
J. Davis	1,040	11,440
T. Feeney	520	10,660
W. J. King	520	12,519
E. Palmer	520	10,920
H. Williams	520	10,920

Western Division

C. Thomson	\$4,500	\$18,000
J. Skillman	3,800	15,000
R. Salisbury	3,800	15,000

Increases may be made after May 31, 1965 to the following participants under Profit Sharing Plans adopted by Irving or its subsidiaries:

Irving Subway Grating Co., Inc.

J. E. Irving
R. D. Brown
J. R. Young
C. W. Benthin
H. Rasmussen
C. Brady
A. J. King
H. Chew
I. Brandes
T. Feeney

Enrejados Irving de Mexico, S.A.

S. Wasung
C. Viamonte
Jose J. Kruffyff
L. Motolinia

Agreement and Plan of Reorganization

EXHIBIT B-1

Pension Plan

GENERAL

The Irving Subway Grating Company, Inc. has adopted this Plan to establish provisionally retirement pensions to its senior officers and certain of its key employees.

BENEFICIARIES

The beneficiaries of this Plan shall be senior officers and key employees of the Company who have reached normal retirement date, who shall have been continuously in the employment of the Company for not less than twenty years, and who shall have been performing managerial duties for the Company for not less than five years.

"Normal retirement date" shall be the last day of the month in which the officer or employee shall have attained the age of sixty-five years.

The Board of Directors of the Company, in its sole discretion, shall be the judge of who shall constitute a senior officer or a key employee and what shall constitute managerial duties.

BENEFITS

The annual benefit under this Plan shall be an amount achieved by multiplying the officer's or employee's annual rate of compensation at his normal retirement date by two-thirds of 1% for each whole year of service with the Company. Such benefit shall be paid on a monthly basis.

"Annual rate of compensation" shall be deemed to be the officer's or employee's rate of basic compensation on an annual basis, without regard to bonuses or other special or additional compensation.

LIMITATIONS

This Plan as now adopted, or as it may hereafter be from time to time amended, and any and all benefits which may now or hereafter be paid hereunder, shall continue only pending such further or other action as the Board of Directors of the Company may in its sole discretion take at any time, including but not limited to, any action modifying or terminating the Plan.

The Board of Directors of the Company, in its sole discretion,

EXHIBIT B-1 (Cont'd)

or such officer as may be generally or specially authorized by the Board of Directors of the Company, may at any time determine and fix a benefit at an amount other than that determinable under the provisions of this Plan and may determine that any benefit otherwise provided for shall be modified, suspended or terminated.

Nothing in this Plan shall be deemed to grant to any officer or employee the right to be continued in the employment of the Company, the right to the continuation of his wage, salary or other compensation, nor the right to receive benefits in an amount which may have been granted to any other officer or employee.

Any action taken by the Company or its designated representative pursuant to the reservations, terms and conditions stated in this Plan shall be wholly without recourse on the part of any officer or employee or his heirs, representatives, successors or assigns.

Agreement and Plan of Reorganization

EXHIBIT B-2

Litigation

An action was commenced against the Corporation by J. Schorr Painting Co., Inc. on November 10, 1964, seeking recovery of the amount of \$1,529.75 for an alleged failure by the Corporation to complete payments on work performed by the plaintiff. On December 4, 1964 the Corporation served upon the plaintiff its Answer (containing 4 Counterclaims in the amount of \$3,529.75) and a Demand for a Bill of Particulars with respect to plaintiff's Complaint.

GENERAL BILL OF SALE

from

IRVING SUBWAY GRATING CO., INC.

to

HARSCO CORPORATION

KNOW ALL MEN BY THESE PRESENTS, that IRVING SUBWAY GRATING CO., INC., a New York corporation ("Grantor" herein), in pursuance of appropriate corporate action heretofore taken by the Grantor and an Agreement and Plan of Reorganization, dated as of May 26, 1965 ("Agreement" herein), between Grantor and HARSCO CORPORATION, a Delaware corporation ("Grantee" herein), for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to it paid by the Grantee, the receipt of which is hereby acknowledged, does hereby give, grant, bargain, sell, convey, transfer, assign, set over and confirm unto the Grantee, its successors and assigns, all of the properties and assets and interests in properties and assets of Grantor of every kind, nature and description, personal, real and mixed, including, without in any way limiting the generality of the foregoing, cash, bank accounts, contracts, copyrights, trademarks, brand names, trade names, trade secrets, formulae, patents, inventions, processes, choses in action, prepaid

items, rights to and with respect to the name Irving Subway Grating for use alone or in conjunction with other names, and Grantor's business as a going concern and the good will pertaining thereto, but expressly excepting herefrom the properties and assets specified in Paragraph B below.

A. Without prejudice to the generality of the foregoing description of the assets and properties intended hereby to be given, granted, bargained, sold, conveyed, transferred, assigned, set over and confirmed unto the Grantee, its successors and assigns, but subject, nevertheless, to the exclusion herefrom of the properties and assets specified in Paragraph B below, this instrument shall be deemed to include, but shall not be limited to, the following:

1. All machinery, equipment, tools, supplies, automotive equipment, office furniture and fixtures, inventories, including finished products and parts, work in process and materials and parts, manufacturing supplies and all other tangible personal property of every nature and description owned by Grantor, and any lease interest of Grantor in any such tangible personal property.
2. All fee interests in real property owned by Grantor, all leasehold estates under any leases of Grantor, all leasehold improvements and all other interests in real estate owned by Grantor.
3. All cash in hand of Grantor or owned by it and in the custody of its agents or employees.

4. All moneys in banks (except to the extent that the same are represented by outstanding checks of the Grantor), all moneys in transit, all accounts and notes receivable, including both trade receivables and obligations of officers and employees together with any and all security for the payment of the same, all utility deposits, insurance policies and prepaid items of every kind and description owned by Grantor.
5. All bonds, certificates of stock (including, without limitation, all outstanding shares of capital stock of Irving Subway Grating Co.- Western Division, a California corporation, and of Enrejados Irving de Mexico, S. A., a Mexican corporation), securities, evidences of indebtedness, and all rights to or under customers' and suppliers' contracts, and any other contracts, agreements, or commitments, claims under insurance policies, claims for refund of real estate taxes, and all other choses in action owned by Grantor.
6. All trademarks, trade names, brand names and all registrations and all applications for the registration thereof, all copyrights and registrations and applications therefor, domestic or foreign, owned or used by Grantor or to which it is entitled, including specifically the name "Irving Subway Grating", and all patents, patent rights and applications therefor, domestic or foreign, all licenses under which Grantor is the licensee and which are assignable by it, and all trade secrets, formulae, inventions, improvements and processes owned or used by Grantor or to which it is entitled.
7. All rights of action of Grantor against any person, firm or corporation for any infringement of the right of Grantor in respect of any such trademarks, trade names, brand names, copyrights, patents and descriptions of trade secrets, formulae, inventions and processes.

8. All instruments of title to, and Grantor's evidences of ownership of, all properties and assets of every nature and description which are or are intended to be conveyed, transferred and assigned hereunder or provided for herein, all files, correspondences, records of industrial data and statistics, drawings, plans and specifications, accounts receivable and accounts payable ledgers and invoices, and such other records in the possession of Grantor as may be necessary or desirable for the continuation by Grantee of the business heretofore conducted by Grantor.

TO HAVE AND TO HOLD the same unto the Grantee, its successors and assigns forever.

Grantor hereby confirms and acknowledges that the transfer of Grantor's properties and assets hereunder and hereby is complete and unconditional in all respects.

Grantor hereby agrees, represents and warrants that all leases to which it is a party and which are being transferred and assigned hereunder, are valid and subsisting, as of the date hereof; that it is the lawful owner of all the property and assets purported to be owned by it and conveyed, transferred and assigned to Grantee hereunder, subject to no liens, mortgages, pledges, encumbrances, conditional sales agreement or charges of any kind, other than as set forth in paragraph 5(k) of the Agreement; that it has the right to grant and transfer the same as aforesaid; and it will warrant and defend the same against the lawful claims and demands of all persons.

Anything herein to the contrary notwithstanding, this shall not constitute an assignment of any claim, contract, license, lease, commitment, sales order or purchase order, properties, rights and franchises, if an attempted assignment of same, without the consent of the other party thereto, would constitute a breach thereof, or in any way affect the rights of Grantor thereunder. If said consent is not obtained, or an attempted assignment would be ineffective or would affect Grantor's rights thereunder so that Grantee would not in fact receive all such rights, Grantor hereby covenants to cooperate with Grantee in any reasonable arrangement designed to provide for Grantee the benefits under any such claims, contracts, licenses, leases, commitments, sales orders or purchase orders, properties, rights and franchises, including enforcement, at the cost and for the benefit of grantee, of any and all rights of Grantor against the other party thereto arising out of the breach or cancellation by such other party or otherwise.

Grantor hereby covenants to execute and deliver to Grantee, upon its request therefor, such further instruments of conveyance, assignment and transfer as may be necessary

or desirable to (i) pass to Grantee full and complete title to the assets and rights conveyed, or attempted to be conveyed, or otherwise provided for herein or in the Agreement, or (ii) to evidence such conveyance, assignment or transfer to Grantee, or (iii) otherwise fulfill and discharge Grantor's obligations of conveyance under the Agreement.

The Grantor hereby constitutes and appoints the Grantee, its successors and assigns, the true and lawful attorney, with full power of substitution, for Grantor, and in its name and stead or otherwise, but on behalf and for the benefit of the Grantee, its successors and assigns, to demand and receive from time to time any and all assets, property, business and good will, whether tangible or intangible, hereby conveyed, transferred, assigned and delivered or intended so to be; to give receipts, releases and acquittances for or in respect of the same or any part thereof; to collect for the account of the Grantee, all other items transferred to the Grantee as provided herein, and to endorse with the name of the Grantor any checks received on account of any such items; from time to time to institute and prosecute in the name of the Grantor or otherwise, but at the expense and for the benefit of the Grantee, any and all proceedings at law, in equity or otherwise, which the Grantee, its successors and assigns, may deem proper, to

collect, assert or enforce any claim, title, right, debt or account hereby conveyed, transferred, assigned, or delivered or intended so to be; and to defend and compromise any and all actions, suits or proceedings in respect of the assets, property, business and good will hereby conveyed, transferred, assigned or delivered or intended so to be that the Grantee, its successors or assigns shall deem desirable. The Grantor hereby declares that the foregoing powers are coupled with an interest and shall be irrevocable by it in any manner or for any reason.

B. Notwithstanding the foregoing, there is expressly excluded from this instrument and it is agreed that Grantor shall retain:

1. Cash in an amount equal to \$58,000.
2. Grantor's corporate minute books, stock books and stock ledgers.
3. Reasonable access to the books and records of Grantor for the purposes of dissolution and winding up its affairs.

Neither the making nor the acceptance of the within conveyance shall constitute a waiver or release by Grantor or Grantee of any liabilities, duties or obligations imposed upon any of them by the terms of the Agreement, including, without limitation, the representations and warranties or

other provisions which the Agreement provides shall survive the date hereof.

IN WITNESS WHEREOF, Irving Subway Grating Co., Inc. has caused this instrument to be signed and its corporate seal to be hereto affixed by its proper officers thereunto duly authorized by its Board of Directors and its shareholders this ^{1st} 7th day of July, 1965, to take effect on July 7, 1965. *JS*

IRVING SUBWAY GRATING CO., INC.

By  _____

President

[Seal]

ATTEST:



Secretary-Treasurer

WITNESSES:





STATE OF NEW YORK)
)
COUNTY OF NEW YORK) ss.:

On the 1st day of July, 1965, before me personally came JAMES E. IRVING and JAMES R. YOUNG, to me known, who, being by me duly sworn, did depose and say that they reside, respectively, at 15 Middlesex Road, Darien, Connecticut, and 104-40 Queens Boulevard, Apt. 7W, Forest Hills, New York; that they are, respectively, the President and the Secretary of IRVING SUBWAY GRATING CO., INC., the Corporation described in and which executed the foregoing instrument; that they know the seal of said Corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation, and that they signed their names thereto by like order.



Notary Public

T. DAVID MULLEN
Notary Public State of New York
No. 52-2809190
Qualified in Suffolk County
Certificate filed in New York County
Commission Expires March 30, 1967

CERTIFICATE OF MERGER

OF

IRVICO REALTY CORPORATION

INTO

HARSCO CORPORATION

STATE OF NEW YORK
DEPARTMENT OF STATE
FILED AUG 18 1965
TAX & none
FILING FEE \$ 30

John P. ...
Secretary of State

31-74
Nixon, Mudge, Rose, Guthrie & Alexander
20 Broad Street
New York, New York 10005

***** 513247 *****

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100 P.O. Box 2365
Hannenburg Pa
MO R.A.
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CERTIFICATE OF MERGER
OF
IRVICO REALTY CORPORATION
INTO

HARSCO CORPORATION

512217

Under Section 907 of the Business Corporation Law

We, the undersigned, J. G. UNDERWOOD and C. R. MARCH, being respectively the Vice President and the Secretary of HARSCO CORPORATION, and J. E. IRVING and J. R. YOUNG, being respectively the President and the Secretary of IRVICO REALTY CORPORATION, hereby certify:

1. The Plan of Merger approved by the Board of Directors of HARSCO CORPORATION, the parent corporation, is as follows:

FIRST: IRVICO REALTY CORPORATION shall be merged into HARSCO CORPORATION.

SECOND: IRVICO REALTY CORPORATION has two hundred (200) shares of authorized Common Stock, all of which are outstanding, and all of such shares are owned by HARSCO CORPORATION.

THIRD: On the effective date of the merger all of the shares of Common Stock of IRVICO REALTY CORPORATION owned by HARSCO CORPORATION shall be cancelled and all rights in respect thereof shall cease.

2. The surviving corporation, HARSCO CORPORATION, a corporation of the State of Delaware, was incorpo-

1 5-31-66

rated on the 28th day of February, 1956, and its application for authority to do business in the State of New York was filed by the Department of State on the 29th day of March, 1956. The laws of the State of Delaware permit this type merger.

3. The Certificate of Incorporation of IRVICO REALTY CORPORATION was filed by the Department of State of New York on the 29th day of March, 1961.

4. HARSCO CORPORATION agrees that it may be served with process in the State of New York in any action or special proceeding for the enforcement of any liability or obligation of IRVICO REALTY CORPORATION, and HARSCO CORPORATION designates the Secretary of State of New York as its agent upon whom the process may be served in any such action or special proceeding. The post office address to which the Secretary of State shall mail a copy of the process in such action or special proceeding is Post Office Box 2365, Harrisburg, Pennsylvania.

~~5. The merger shall be effective upon (i) the filing of a Certificate of Ownership and Merger with the Secretary of State of Delaware; and (ii) the recording of a certified copy of a Certificate of Ownership and Merger in the Office of the Recorder of Deeds of New Castle County, Delaware; and (iii) the filing of a Certificate of Merger in~~

~~xxxxxxxxxxDepartmentxxxxStateofNewYork~~

5. This merger was authorized by the Board of Directors of HARSCO CORPORATION, the parent corporation, at a meeting of such Board.

IN WITNESS WHEREOF, we, J. G. UNDERWOOD and C. R. MARCH, as Vice President and Secretary, respectively, of HARSCO CORPORATION, have signed and verified this Certificate of Merger on the 9th day of August, 1965.

AND, we, J. E. IRVING and J. R. YOUNG, as President and Secretary, respectively, of IRVICO REALTY CORPORATION, have signed and verified this Certificate of Merger on the 14th day of August, 1965.

HARSCO CORPORATION

J. G. Underwood
J. G. Underwood, Vice President
C. R. March
C. R. March, Secretary

IRVICO REALTY CORPORATION

J. E. Irving
J. E. Irving, President
J. R. Young
J. R. Young, Secretary

THE COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF DAUPHIN) ss.:

J. G. UNDERWOOD, being first duly sworn, deposes and says that he is the Vice President of HARSCO CORPORATION, that he has read the foregoing Certificate of Merger and knows the contents thereof and that the statements therein contained are true.

J. G. Underwood
J. G. Underwood

Sworn to before me this
16th day of ~~July~~ 1965.

Thomas B. Blair
Notary Public
NOTARY PUBLIC

My Commission Expires Jan. 16, 1968
Harrisburg, Pa. Dauphin County

STATE OF NEW YORK)
COUNTY OF ~~NEW YORK~~) ss.:

J. E. IRVING, being first duly sworn, deposes and says that he is the President of the IRVICO REALTY CORPORATION, that he has read the foregoing Certificate of Merger and knows the contents thereof and that the statements therein contained are true.

J. E. Irving
J. E. Irving

Sworn to before me this
16th day of ~~July~~ 1965.

William J. Flannery
Notary Public

WILLIAM J. FLANNERY
NOTARY PUBLIC, State of New York
NO. 30-1247875
qualified in Nassau County
Certificate filed in New York County
Term Expires March 30, 1967

CT-91 (7/65)
State of New York - Department of Taxation and Finance - Corporation Tax Bureau
Albany, New York 12226

To: SECRETARY OF STATE

Date: August 18, 1965

Name of Corporation

Form CO-504

State of New York }
DEPARTMENT OF STATE } ss.:

I CERTIFY That I have compared the preceding
copy with the original Certificate of Merger of

IRVICO REALTY CORPORATION (a New York Corporation),

with

HARSCO CORPORATION (a Delaware Corporation),

filed in this department on the 18th day of August, 1965, and that such
copy is a correct transcript therefrom and of the whole of such original.

Witness my hand and the official seal of the Department of State at the
City of Albany, this fifteenth day
of November, one thousand nine hundred
sixty-five.

John P. Lomenzo

Secretary of State



Extract From Minutes of the Meeting of the
Board of Directors of Harsco Corporation

Held June 16, 2009

* * * * *

"Upon motion duly made and seconded, the following resolution was unanimously approved:

WHEREAS, the Company is undertaking a rebranding that will rename the operation of facilities and conduct of the Company's businesses;

NOW, THEREFORE, BE IT RESOLVED, that the following businesses will be rebranded as follows:

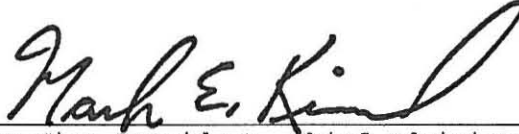
	To be changed to:
	<u>Harsco Minerals and Rail</u>
Harsco Track Technologies	Harsco Rail
Excell Minerals	Harsco Minerals
Reed Minerals	Harsco Minerals
IKG Industries	Harsco Industrial
Air-X-Changers	Harsco Industrial
Patterson-Kelley	Harsco Industrial
	<u>Harsco Metals</u>
MultiServ	Harsco Metals
	<u>Harsco Infrastructure</u>
SGB Group	Harsco Infrastructure
Hunnebeck Group GmbH	Harsco Infrastructure
Patent Construction Systems	Harsco Infrastructure

FURTHER RESOLVED, that the proper officers of this Corporation and the proper officers of the Harsco Track Technologies, Reed Minerals, Excell Minerals, Air-X-Changers, IKG Industries, Patterson-Kelley, MultiServ, SGB Group, Hunnebeck Group GmbH and Patent Construction Systems operations be, and they hereby are, authorized and directed to do any and all such things and take such action deemed necessary or advisable to effect this change. "

* * * * *

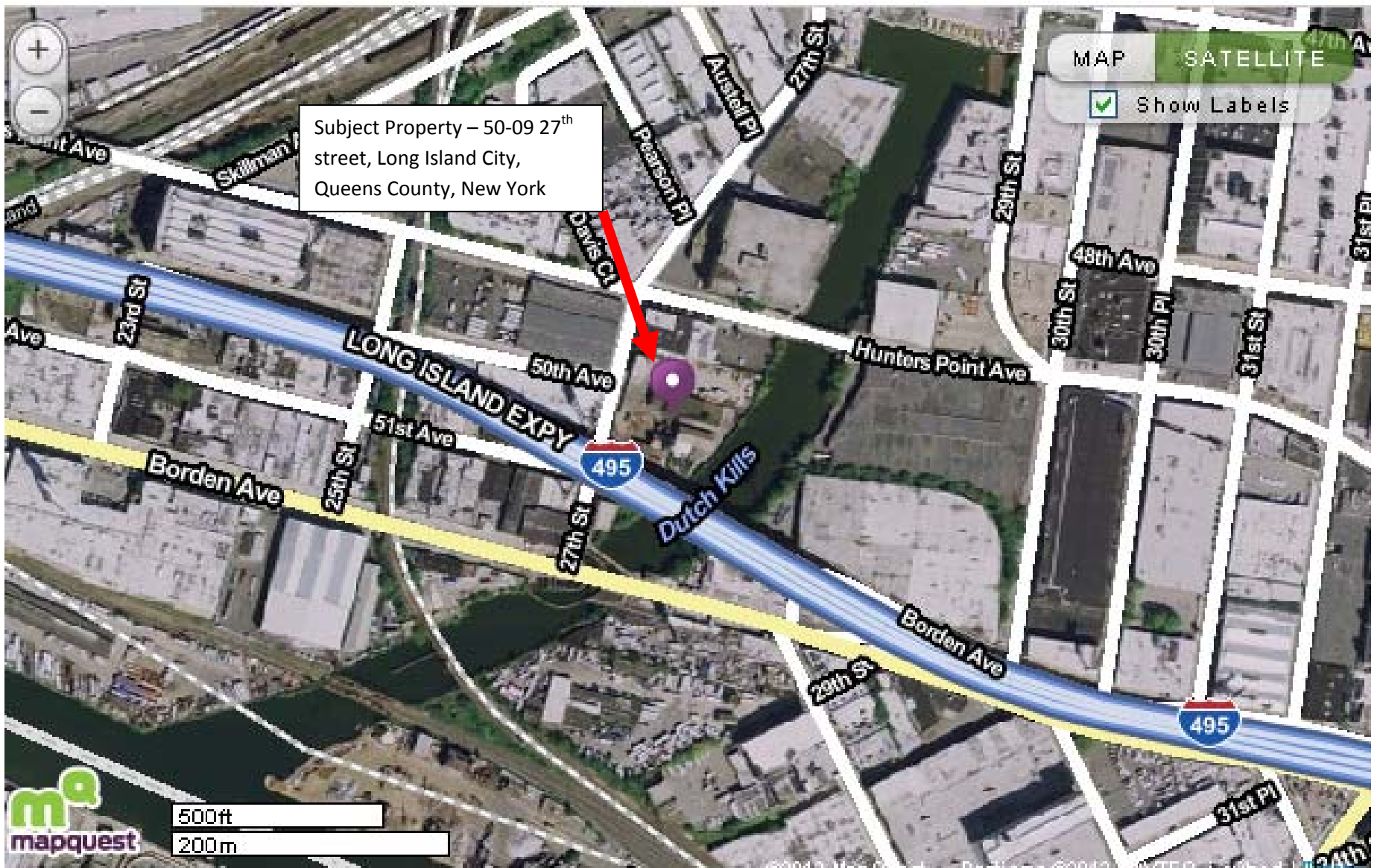
I, Mark E. Kimmel, Senior Vice President, Chief Administrative Officer, General Counsel and Corporate Secretary of Harsco Corporation, a Delaware corporation, do hereby certify that the foregoing is a true and correct extract from the minutes of a Meeting of the Board of Directors of Harsco Corporation held on the 16th of June, 2009.

IN WITNESS WHEREOF, I hereunto set my hand as Senior Vice President, Chief Administrative Officer, General Counsel and Corporate Secretary, and affix the corporate seal, of Harsco Corporation, this 23rd of November, 2009.

A handwritten signature in black ink, reading "Mark E. Kimmel", written over a horizontal line.

(Corporate Seal)

Senior Vice President, Chief Administrative Officer
General Counsel and Corporate Secretary



AGREEMENT FOR SALE OF REAL ESTATE

THIS AGREEMENT, made this 25th day of August, 2008, by and between **Harsco Corporation**, a Delaware corporation having principal offices at 350 Poplar Church Road, Camp Hill, Pennsylvania 17011 (hereinafter called "**Harsco**") and **Mohammad Ashraf Malik**, an individual with a mailing address of 84-11 Elmhurst Avenue, Apartment 1F, Elmhurst, New York 11373 (hereinafter called "**Buyer**").

NOW THEREFORE, for the consideration hereinafter provided and intending to be legally bound hereby, Harsco and Buyer agree as follows:

1. **Sale.** Harsco agrees to sell and convey to Buyer and Buyer agrees to purchase from Harsco certain real property known as 50-09 27th Street (Tax Block 113, Lot 1) and 27-21 51st Avenue (Tax Block 113, Lot 11), Long Island City, New York 11101 and situate in the Borough of Queens, County of Queens, City and State of New York, together with: (i) the buildings and improvements thereon erected, (ii) all fixtures installed or incorporated therein, (iii) all of Harsco's right, title and interest in and to any and all appurtenances thereto and (iv) all right, title and interest of Harsco, if any, in and to the land lying in the bed of any street or highway abutting the Property, to the center line thereof, and to any unpaid award for any taking by condemnation or any damage to the Property by reason of a change of grade of any street or highway. Said real property (hereinafter called the "**Property**") is more particularly described in Exhibit "A" attached hereto and made a part hereof.

2. **Purchase Price.** Buyer shall pay to Harsco, and Harsco shall accept from Buyer for purchase and sale of the Property, the sum of Nine Million Five Hundred Thousand (\$9,500,000.00) Dollars (hereinafter called the "**Purchase Price**"), payable in United States funds as follows:

A. The sum of Five Hundred Thousand (\$500,000.00) Dollars on or before the date of execution of this Agreement by Harsco and Buyer; and

B. The remaining portion of the Purchase Price in the amount of Nine Million (\$9,000,000.00) Dollars in cash at Closing (as hereinafter defined) in the form of unendorsed bank

cashier's or treasurer's check drawn from a bank licensed in the State of New York or money wire transfer to the order of Harsco, as Harsco shall elect.

The payment described in Subsection A of this Section 2, together with any interest earned thereon, is hereinafter called the "Deposit". The Deposit shall represent consideration to Harsco for entering this Agreement; shall be non-refundable to Buyer; and shall be retained by Harsco in all events and circumstances, excepting only failure of Harsco's title to the Property and rejection of such title by Buyer, as provided in Section 8C of this Agreement. The Deposit shall be paid to, and held in escrow by, Harsco's local legal counsel, Irwin, Lewin, Cohn & Lewin, P.C. ("Escrowee") in a separate interest bearing escrow account at First Republic Bank located at 320 Park Avenue, New York, New York 10022. All interest earned on Deposit shall become part of the Deposit.

In the event that any check delivered to Escrowee at the time of execution of this Agreement is not honored for any reason, Harsco may repudiate and cancel this Agreement by written notice to Buyer. Thereafter, Harsco shall have no further obligation to Buyer under this Agreement.

3. **Cranes; Overhead Signs.** Any and all cranes located in the buildings on the Property are included in the sale and purchase and shall remain in the buildings at Closing. The two (2) overhead billboard signs located, respectively, near the northwest and southeast corners of the Property are included in the sale and purchase and shall remain on the Property at Closing. The cranes and overhead billboard signs shall be delivered to Buyer by Harsco as part of the Property in "As Is" condition, as provided in Section 16 of this Agreement.

4. **Closing Date.** Closing of the sale and purchase of the Property pursuant to this Agreement (hereinafter called the "Closing") shall be held on or before September 15, 2008 (hereinafter called the "Closing Date"). Closing shall occur at the offices of Buyer or Buyer's legal counsel in the City of New York or at another location in the City of New York mutually acceptable to the parties. Harsco and Buyer agree that time shall be of the essence of this Agreement, the Closing Date and of each and every performance and obligation of Harsco and Buyer under this Agreement. Either Harsco or Buyer shall have the right to extend the Closing and Closing Date to

September 22, 2008. Such extension may be obtained and exercised by giving written notice thereof to the other party on or before September 8, 2008. In the event either party exercises the right to such extension, time shall be and remain of the essence of this Agreement, the extended Closing Date and of each and every performance and obligation of Harsco and Buyer under this Agreement.

5. **Possession.** Buyer shall be entitled to possession of the Property upon completion of Closing and the transfer and conveyance of title to the Property, free of leases, tenancies, licenses and other occupancies.

6. **Buyer's Conditions.** Buyer's obligation to perform this Agreement and to purchase the Property by completing Closing and paying the Purchase Price shall be subject to the conditions provided in this Section 6.

A. **Title Review and Survey.** On or before September 1, 2008, Buyer shall obtain from any title insurer licensed to do business by the State of New York selected by Buyer (the "Title Company"), a title report covering the interest in the Property to be acquired by Buyer (the "Title Report") and deliver a copy of the Title Report, together with copies of all documents representing recorded exceptions to title certified in the Title Report, to Harsco. If the Title Report: (i) indicates that Harsco's title does not satisfy the standards set forth in Section 9 hereof; or (ii) reveals any exception to title, encumbrance on title or defect in title that is not permitted under Section 9 hereof, then Buyer may object to Harsco's title as hereinafter provided. Buyer shall have five (5) days following the date of Buyer's receipt of the Title Report to object to Harsco's title in writing, specifying the matters, defects or encumbrances objected to by Buyer as failing to conform to the standards set forth in Section 9 of this Agreement. Buyer shall be deemed to have accepted the condition of Harsco's title to the Property if Buyer does not object to same in the manner and within the time provided in this Subsection 6A.

Harsco may, but shall not be obligated to, correct or cure any objection to title made by Buyer. Harsco shall, however, be obligated to correct any defect represented by a lien (other than

any violation, as provided in Section 9(f) of this Agreement) not contested by Harsco which can be cured by the payment of a fixed and liquidated sum of money. A lien dischargeable by satisfaction shall not be deemed an objection to title, if at the time of Closing, Harsco shall cause to be delivered, a duly executed and acknowledged satisfaction of lien, with the required filing fee (and if the same is a mortgage, together with the original thereof) and the Title Company shall agree to omit same. Harsco shall have the right to apply the proceeds of sale of the Property to satisfaction of the lien. If Harsco has not cured the objections made by Buyer, other than liens to be satisfied at Closing, within five (5) days after Buyer's notice of said objections, Buyer shall, within five (5) days following expiration of such five (5) day period without cure, exercise one of the two options provided to Buyer in Subsection 8C of this Agreement.

B. Environmental Review. Buyer, at Buyer's sole cost and expense, may review the condition of the Property with respect to compliance with Environmental Laws (as hereinafter defined) and the presence of Hazardous Substances (as hereinafter defined). Buyer shall be permitted to perform, through its designated professional consultants, any and all inspections, studies or tests of the Property deemed necessary by Buyer to evaluate the Property's environmental condition. Except as hereinafter specifically provided, (i) Buyer shall not perform any invasive studies or testing of the Property without first obtaining Harsco's written consent, which consent shall not be unreasonably withheld by Harsco, and (ii) Buyer may not collect or test any groundwater samples or study the groundwater at the Property in any manner or by any method without Harsco's prior written consent. It is specifically understood and agreed that any withholding of consent by Harsco to any groundwater sampling, study or testing shall not, under any circumstances, be considered unreasonable. Notwithstanding the foregoing, Buyer shall be permitted to perform ordinary and customary Phase I and Phase II environmental studies and inspections at the Property, excluding groundwater sampling, studying or testing, without Harsco's prior written consent. It is understood that such Phase II environmental inspections may include soil borings and collection and testing of soil and soil vapor samples (hereinafter called "Soil Borings").

Buyer may perform Soil Borings only in the presence of Harsco's designated engineer or other designated representative. Buyer shall give Harsco five (5) business days advance written notice that Soil Borings are to be performed and shall provide Harsco with all scheduling information and other cooperation reasonably necessary to permit Harsco's engineer or representative to be present at the Property when the Soil Borings are performed. Buyer shall complete Buyer's environmental review of the Property on or before September 8, 2008, and such review period shall terminate absolutely on September 8, 2008. If Buyer is not satisfied with the Property's environmental condition, Buyer shall provide Harsco with a written notice of non-satisfaction with the Property's environmental condition on or before September 8, 2008. If Buyer does not provide Harsco with notice of non-satisfaction with the Property's environmental condition on or before September 8, 2008, this condition shall be deemed satisfied or waived by Buyer. If Buyer provides Harsco with notice of non-satisfaction with the Property's environmental condition on or before September 8, 2008, Buyer may terminate this Agreement within five (5) days thereafter. If Buyer terminates this Agreement for such reason, the Deposit shall be retained by Harsco and the parties shall have no further rights and obligations under this Agreement, except as otherwise specifically provided in this Agreement.

C. **General Review and Inspection of Property.** Buyer, at Buyer's sole cost and expense, may review and investigate any physical condition of the Property, including the land, buildings, structures and improvements located thereon and fixtures and systems incorporated therein. Buyer's review may include, without limitation, access to and from the Property and availability and adequacy of the supply of utility services to the Property. Buyer shall perform such review or inspection through Buyer's designated agents, contractors or professional consultants. Buyer shall complete Buyer's review of the Property under this Subsection 6C on or before September 8, 2008, and such review period shall terminate absolutely on September 8, 2008. If Buyer is not satisfied with the physical condition of the Property, Buyer shall provide Harsco with a written notice of non-satisfaction with the Property's condition on or before September 8, 2008. If

Buyer does not provide Harsco with notice of non-satisfaction with the Property's physical condition on or before September 8, 2008, this condition shall be deemed satisfied or waived by Buyer. If Buyer provides Harsco with notice of non-satisfaction with the Property's physical condition on or before September 8, 2008, Buyer may terminate this Agreement within five (5) days thereafter. If Buyer terminates this Agreement for such reason, the Deposit shall be retained by Harsco and the parties shall have no further rights and obligations under this Agreement, except as otherwise specifically provided in this Agreement.

D. **Zoning and Land Use Review.** Buyer, at Buyer's sole expense, may review and investigate any and all federal, state and local laws, statutes, regulations, codes, ordinances and resolutions applicable to the Property and governing zoning, land use and improvement of the Property ("Land Use Regulations"). Buyer shall complete Buyer's review of Land Use Regulations on or before September 8, 2008, and such review period shall terminate absolutely on September 8, 2008. If Buyer is not satisfied with Buyer's review of Land Use Regulations as applicable to the Property, Buyer shall provide Seller with a written notice of non-satisfaction on or before September 8, 2008. If Buyer does not provide Seller with notice of non-satisfaction with Land Use Regulations on or before September 8, 2008, this condition shall be deemed satisfied or waived by Buyer. If Buyer provides Seller with notice of non-satisfaction with Land Use Regulations on or before September 8, 2008, Buyer may terminate this Agreement within five (5) days thereafter. If Buyer terminates this Agreement for such reason, the Deposit shall be retained by Harsco and the parties shall have no further rights and obligations under this Agreement, except as specifically set forth in this Agreement.

✓ Buyer acknowledges receipt from Harsco before the date of this Agreement of the documents identified and described in Schedule 1 attached to this Agreement and made a part of this Agreement (hereinafter called the "Due Diligence Documents"). The Due Diligence Documents are delivered to Buyer by Harsco to assist Buyer in evaluating the Property and Harsco's title to the Property pursuant to this Section 6. Harsco makes no representation, warranty

or covenant that the Due Diligence Documents or any other information provided to Buyer by Harsco: (i) represent or constitute all available information concerning or relevant to the physical condition, including environmental condition, of the Property or Harsco's title to the Property; or (ii) are accurate and complete in scope, factual content or conclusion. Buyer acknowledges and agrees that Harsco cannot, and does not hereby, transfer or purport to transfer the right to rely upon the Due Diligence Documents to Buyer. Harsco and Buyer executed a certain Confidentiality Agreement dated August 13, 2008 (hereinafter called the "Confidentiality Agreement"). The Confidentiality Agreement covers all of the Due Diligence Documents. Notwithstanding anything to the contrary in the Confidentiality Agreement, Buyer's possession and use of the Due Diligence Documents shall remain subject, in all respects, to the Confidentiality Agreement during the period of time beginning at execution of this Agreement and ending upon completion of Closing and transfer of title to the Property.

Buyer understands, acknowledges and agrees that Buyer's obligation to purchase the Property under this Agreement is not conditioned upon Buyer obtaining any financing, of any type or kind, in any amount or from any source, for purchase of the Property. Notwithstanding the foregoing, Buyer shall deliver to Harsco, on or before August 25, 2008, unequivocal evidence acceptable to Harsco that Buyer either (i) has on readily available and liquid deposit with a financial institution, or (ii) has received a firm, written commitment from a recognized financial institution for borrowing from said institution, all of the funds necessary to pay the Purchase Price for the Property and related closing costs at Closing. If Buyer fails to provide Harsco the aforesaid evidence of Buyer's ability to fund the Purchase Price and Closing within the time provided, Harsco may, at Harsco's option, terminate this Agreement. Such termination shall be effective immediately upon notice to Buyer. If Harsco terminates this Agreement for such reason, the Deposit shall be retained by Harsco and the parties shall have no further rights and obligations under this Agreement, except as specifically set forth in this Agreement.

7. Environmental Condition of Property. The following definitions apply to this Agreement:

"Hazardous Substance" means any pollutant, dangerous substance, toxic substance, hazardous chemical, hazardous substance or material, hazardous waste or any similar term as defined or regulated in or pursuant to the Comprehensive Environmental Response Compensation and Liability Act, 42 U.S.C. 9601 et seq. ("CERCLA"); the Resource Conservation and Recovery Act, 42 U.S.C. 6901 et seq. ("RCRA"); the Clean Water Act, 33 U.S.C. 1251 et seq. ("CWA"); the Toxic Substances Control Act, 15 U.S.C. 2601 et seq. ("TSCA"); any Environmental Law (as hereinafter defined); and any regulations promulgated thereunder. In addition to the foregoing and for purposes of this Agreement, "Hazardous Substance" shall also include asbestos, petroleum and any fraction or component of petroleum and lead based paint.

"Environmental Laws" means CERCLA, RCRA, CWA, TSCA and any other applicable federal, state or local law, statute, ordinance, code, rule or order concerning protection of persons or the environment and any regulations issued thereunder.

Harsco does not make any claims or promises about the physical condition, including without limitation environmental condition, or value of the Property, except as otherwise specifically provided in this Agreement. It shall be Buyer's obligation to determine the condition of the Property with respect to the presence or the absence of Hazardous Substances and compliance with Environmental Laws by exercising Buyer's rights under the condition stated in Subsection 6B of this Agreement. Harsco shall not be obligated under this Agreement to perform any environmental work or remediation of any nature whatsoever at the Property.

If Buyer purchases the Property, Buyer shall and hereby does release Harsco from liability for any claim by Buyer for diminution in the value or usefulness of the Property and any loss or damages consequential thereto on account of: (1) the presence of Hazardous Substances in, on, under or in proximity to the Property (without regard or limitation as to the time at which or by whom any such Hazardous Substances may have been introduced to the Property or permitted on or

in proximity to the Property); or (2) non-compliance, at any time by any person, with Environmental Laws at the Property. If Buyer purchases the Property, Buyer also hereby releases Harsco from liability for any claim by Buyer for or on account of any losses, costs or expenses incurred or to be incurred by Buyer in or for the investigation or remediation of any non-compliance with Environmental Laws at the Property or any Hazardous Substances in, on, under or in proximity to the Property (without regard or limitation as to the time at which or by whom any such Hazardous Substances may have been introduced to the Property or permitted on or in proximity to the Property).

If this Agreement is terminated by either party for any reason permitted in this Agreement, including without limitation termination based on matters relating to the environmental condition of the Property, and in all circumstances in which Buyer does not complete purchase of the Property from Harsco, the Due Diligence Documents and all other documents and information in any form delivered to Buyer by Harsco or otherwise obtained by Buyer from Buyer's environmental review of the Property shall remain confidential. Except as may be required by applicable law, Buyer shall not transmit, provide, communicate, discuss or disclose any such information to or with any person (other than Buyer's legal counsel and professional environmental consultants) without the written consent of Harsco. Upon termination of this Agreement by either party, Buyer shall return to Harsco all information and documents delivered by Harsco to Buyer, including the Due Diligence Documents.

8. **Default.**

A. **Default By Buyer.** Subject to Subsection 8C hereof, if Buyer fails or refuses to perform this Agreement and purchase the Property in accordance with the terms of this Agreement, the Deposit in the amount of \$500,000.00 shall be considered liquidated damages and the Deposit shall be paid to and retained by Harsco. This sum of \$500,000.00 is agreed upon as Buyer and Harsco recognize that the value of real property is subject to market fluctuations and other diverse factors which render proof of actual damages expensive, as well as difficult or

impossible. This provision for liquidated damages is in addition to, not in replacement of, those other provisions of this Agreement stating that the Deposit is nonrefundable and that the Deposit shall be retained by Harsco even upon permitted termination of this Agreement by Buyer for failure of the conditions provided in Subsections 6B, 6C and 6D of this Agreement.

B. **Default By Seller.** Subject to Subsection 8C hereof, if Buyer is not in default of this Agreement and Harsco fails or refuses to perform this Agreement and convey the Property to Buyer in accordance with the terms of this Agreement, Buyer shall be entitled to pursue any and all actions and remedies available to Buyer for Harsco's breach of this Agreement, both legal and equitable, including without limitation an action for specific performance of this Agreement.

C. **Failure of Title.** If Harsco shall be unable to convey to Buyer title to the Property in accordance with Section 9 of this Agreement, or fails to deliver such title in accordance with the terms and conditions of this Agreement, the sole obligation of Harsco, upon rejection of Harsco's title by Buyer, shall be to return the Deposit, and to reimburse Buyer for the cost of title examination, and upon the making of such refund and reimbursement, this Agreement shall wholly cease and terminate and neither party shall have any further claims against the other by reason of this Agreement, and the lien, if any, of Buyer against the Property, shall wholly cease. Harsco shall not be required to bring any action or proceedings or otherwise incur any expense to render title to the Property compliant with the standards provided in Section 9. Buyer may, nevertheless, accept such title as Harsco may be able to convey, without reduction of the purchase price or any credit or allowance against the same, and without any liability on the part of Harsco. The acceptance of the Deed (as hereinafter defined) by Buyer shall be deemed to be a full performance of and discharge of any and all agreements and obligations on the part of Harsco to be performed pursuant to the provisions of this Agreement, except those, if any, which are herein specifically stated to survive delivery of the Deed. The term "cost" of title examination is defined for the purpose of this Agreement, as the expenses actually incurred by Buyer for title examination, in no event, however,

to exceed the net amount which would be charged by a title company in the City of New York for title examination of the Premises and issuance of the Title Report, without issuance of policy.

9. **Title.** Harsco shall convey the Property to Buyer by a statutory form of bargain and sale deed, with covenant against grantor's acts and containing the covenant required by Section 13 of the Lien Law (hereinafter called the "Deed"), in form otherwise reasonably acceptable to Buyer and the Title Company. Title to the Property shall be title in fee simple, insurable at regular rates by the Title Company or any other title insurance company licensed to do business by the State of New York, subject to: (a) Land Use Regulations and other applicable laws, codes and ordinances; (b) real property taxes and assessments which have not yet been billed on the Closing Date and are therefore not yet due and payable; (c) easements, rights of way, restrictions, covenants, conditions, agreements, reservations and similar encumbrances of record, provided the same do not (i) impose any monetary obligations, (ii) materially restrict alteration or improvement of the Property, or (iii) prohibit maintenance and use of the structure or structures now on the Property; (d) any and all exceptions to title, riparian rights of other persons and title and regulatory rights of the United States, State of New York and City of New York arising from or related to the waterway known as Dutch Kills Basin abutting the Property on the east; (e) matters, encumbrances and conditions which (i) are visible on the Property, (ii) are shown on or disclosed by Item 2 of Schedule 1, or (iii) would be discovered by a current and accurate ALTA/ACSM instrument survey of the Property and a physical inspection of the Property, including without limitation easements, rights-of-way, encroachments by improvements on the Property against adjoining property, encroachments by improvements on adjoining property against the Property, shortages in area, variances or discrepancies in boundaries and non-contiguity between or among separate tracts; (f) all City and State of New York violations, including emergency violations, placed on the Property, regardless of the authority issuing same; (g) party wall agreements, if any, provided the same do not render title uninsurable at standard rates; (h) consents in writing prior to the date of this Agreement by Harsco or any former owner of the Property for the erection of any structure or structures on, under or

above any street or streets on which the Property may abut; (i) two (2) notices of appropriation for overhead highway easements recorded in Reel 2859, Page 2260 and Reel 2893, Page 1318, Queens County, New York Records; (j) restrictive declarations (concerning overhead signs) recorded in Reel 5280, Page 2488 and Reel 5280, Page 2491, Queens County, New York Records; (k) minor variations between the record lot lines of the Property and those shown on the tax map, provided such variations do not prohibit the continuing maintenance of any existing structure on the Property or render title to the Property uninsurable at standard rates; and (l) any easement or right of use created in favor of any public utility company for electric, steam, gas, telephone, water, television cable or other service and the right to install, use, repair and replace wiring, cables, terminal boxes, lines, service connections, poles, mains, facilities and the like upon, under and across the Property.

Notwithstanding anything herein to the contrary, Harsco agrees to pay (or credit Buyer as hereinafter provided) any fines or penalties for any City and State of New York violations, including emergency repair violations, of record prior to the date of Closing, up to a total of \$10,000 in cumulative costs. Nothing herein shall obligate Harsco to perform any work or repair to correct and/or cure any violations. In consideration of agreeing to close subject to such violations, at closing Buyer shall be entitled to receive a credit equal to the total of all unpaid fines and penalties (with interest thereon, if any) for such violations, except that if the total of such fines and penalties exceeds \$10,000 (the "Cap amount"), then (i) Buyer may cancel this Agreement if Buyer is unwilling to close without receiving and Seller is unwilling to grant a closing credit for such higher sum; it being agreed that Buyer may not cancel if Harsco is willing to grant a credit for the higher sum and (ii) Harsco may cancel this Agreement if Harsco is unwilling to grant and Buyer is unwilling to close without receiving a credit for such higher sum; it being agreed that Harsco may not cancel if Buyer is willing to close with a credit in the Cap

Amount. If the Agreement is canceled pursuant to the terms of this section, then the Deposit shall be refunded to the Buyer within ten (10) days after delivery of the notice of cancellation and the parties shall have no further rights or obligations hereunder.

Buyer shall pay all fees, costs and premiums required to obtain the Title Report and for issuance, as of the Closing Date, of any owner's policy of title insurance to Buyer pursuant to the Title Report. Buyer shall pay any additional charges, costs or premiums for any loan policy of title insurance, abstracting fees, counsel review fees, "special risk" premiums, endorsements or additional or extended title insurance coverage desired by Buyer or required by any lender to Buyer. Buyer shall pay for any survey obtained by Buyer. Harsco shall pay for preparation of the Deed, and Buyer shall pay for recording of the Deed.

10. **Destruction, Damage or Condemnation.** The provisions of Section 5-1311 of the General Obligations Law shall apply to the sale and purchase provided for in this Agreement.

11. **Acceptance of Deed.** The acceptance by Buyer of the Deed at Closing will be deemed to be full performance and discharge of each and every agreement and obligation on the part of Harsco to be performed pursuant to this Agreement, except those agreements and obligations of Harsco, if any, which are expressly stated in this Agreement to survive the Closing.

12. **Transfer Taxes; Transfer Tax Documents.** All state and city real property transfer taxes applicable to the sale of the Property pursuant to this Agreement shall be paid by Harsco at Closing. At Closing, Harsco shall provide the following: the New York State Real Property Transfer Tax form (TP-584); an executed New York City Real Property Transfer Tax return; and a NYL RPT 5217. Both parties shall cooperate and provide the information necessary to complete a Form 1099-B for the Internal Revenue Service as required pursuant to Section 6045 of the Internal Revenue Code. Buyer shall file a managing agent's registration if required; if not, an affidavit in lieu of registration, and both parties shall sign and deliver such other and further

documents as may reasonably be required to effectuate the transfer contemplated herein and recording of the Deed.

13. Apportionments. At Closing, real estate taxes, water charges, sewer rents and vault charges, if any, shall be apportioned between Harsco and Buyer as of the date prior to the Closing Date, on the basis of the fiscal period for which each is assessed. For each water meter on the Property, Harsco shall obtain a final reading within thirty (30) days prior to Closing, and the unfixed meter charge for the time between the date of such reading and the date of Closing shall be apportioned on the basis of such final reading.

14. Representations and Warranties of Harsco. Harsco represents and warrants to Buyer as follows:

- A. The Property is improved by commercial buildings;
- B. Harsco is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and is duly qualified to do business and in good standing as a foreign corporation in the State of New York;
- C. Harsco has the corporate power and authority to execute, deliver and perform this Agreement;
- D. The execution and delivery by Harsco of this Agreement and the performance of its obligations hereunder have been duly authorized by all requisite corporate action and will not violate any provision of law, any order of court or other agency of government, its Certificate of Incorporation or Bylaws, any judgment, award or decree or any provision of any indenture, agreement or other instrument to which it is a party or by which it is bound, or conflict with, result in a breach of or constitute (with due notice or lapse of time or both) a default under such indenture, agreement or other instrument;
- E. This Agreement has been duly and validly executed and delivered by Harsco and constitutes a legal, valid and binding obligation of Harsco, enforceable in accordance with its terms;

F. Harsco is not a "foreign person" as defined in the U.S. Foreign Investment in Real Property Tax Act; and

G. Harsco's Tax Identification Number is 23-1483991.

The representations and warranties made in this Section 14 are continuing representations and warranties and shall remain true and correct as of Closing.

At Closing, Harsco shall furnish Buyer and the Title Company with: (a) a certification that Harsco is not a "foreign person" as defined in the U.S. Foreign Investment in Real Property Tax Act; (b) a resolution of Harsco's Board of Directors certified by Harsco's corporate secretary approving and authorizing transfer of the Property and execution of the documents required for transfer of the Property; and (c) officially certified copies of documents evidencing Harsco's incorporation and good standing in the State of Delaware.

15. **Brokerage.** Harsco has engaged the services of a broker for the sale of the Property. At Closing, Harsco shall pay any commission then due and payable to said broker under the terms of the agreement between Harsco and the broker. Harsco shall indemnify, defend and save harmless Buyer from and against any claim for fees, commissions or other charges or damages made by said broker or any other broker, finder or similar agent alleging to have been engaged by or to have contracted with Harsco. Buyer represents and warrants to Harsco that Buyer has engaged no real estate broker, finder or similar agent concerning the Property or the transaction contemplated by this Agreement. Buyer shall indemnify, defend and save harmless Harsco from and against any claims for fees, commissions or other charges or damages made by any broker, finder or similar agent alleging to have been engaged by or to have contracted with Buyer. ✓

16. **Condition of the Property.** The Property, including all buildings, improvements and fixtures and all plumbing, heating, electrical, HVAC, materials handling or other mechanical systems or components incorporated therein, is being sold to Buyer by Harsco in the "As Is" condition existing on the date of this Agreement. Buyer acknowledges that Buyer has agreed to purchase the Property as a result of Buyer's own inspection and evaluation of the Property and other

inspections and evaluations to be performed by Buyer before Closing pursuant to this Agreement, and that Harsco, except as specifically provided in this Agreement, has made no oral or written statements, claims, inducements, representations or warranties concerning the condition of the Property or any buildings, improvements, fixtures or systems located thereon, or concerning the fitness or suitability of the Property, buildings, improvements, fixtures, or systems for any use or purpose.

Buyer has inspected the Property or caused an inspection thereof to be made on the Buyer's behalf and it is agreed and understood that neither Harsco nor any person purporting to act for Harsco has made or now makes any representations as to the physical condition, income, expense, operation or any other matter or thing affecting or relating to the Property, except as herein specifically set forth. Buyer hereby expressly acknowledges that no representations not set forth in this Agreement have been made by Harsco and Buyer further agrees to take the Property in "As is" condition. Buyer agrees that Harsco is not liable or bound in any manner by any financial statements, written agreements, statements or representations which have been made by Harsco, by agents of Harsco or by any real estate broker's "setups" or information pertaining to the Property furnished by any real estate broker, agent, employee, servant or other persons, unless the same are specifically stated herein. It is understood and agreed that all understandings and agreements heretofore had between the parties are hereby merged in this Agreement, which alone fully and completely expresses their agreement, and that the same is entered into after full investigation with neither party relying upon any statements or representations not embodied in this Agreement.

17. **Flood Hazard Zone.** Harsco discloses to Buyer that the Property is located partially in Flood Hazard Zone A5 (EL 10) and partially in Flood Hazard Zone B established by the Federal Emergency Management Agency National Flood Insurance Program, as shown on Item 2 of Schedule 1.

18. **Lead Paint.** Buyer is hereby notified that the Property may present a danger of exposure to lead from lead based paint that may place young children at risk of developing lead

poisoning. Lead poisoning in children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems and impaired memory. Lead poisoning also poses a particular risk to pregnant women. Sellers of real property built prior to 1978 are required by Federal law to provide purchasers with any information on lead based paint hazards from risk assessments or inspections in seller's possession and to notify the purchaser of any known lead based paint hazards. A risk assessment or inspection for possible lead based paint hazards is recommended prior to purchase. Harsco represents that Harsco does not have any reports of any lead-based paint and/or lead-based paint hazards in the Property, but both parties acknowledge the probable and possible existence of same at the Property based upon the age of the buildings located on the Property. Buyer hereby acknowledges receipt of the above Lead Warning Statement, has received a lead hazard information pamphlet and has had a ten (10) day opportunity before becoming obligated under this Agreement to conduct a risk assessment or inspection for lead based hazards or waives the opportunity for same.

19. **Buyer's Access to Property.** Prior to Closing, and so long as Buyer is not in default of this Agreement, Buyer and Buyer's designated employees, agents and contractors shall be permitted to enter the Property for the sole purpose of conducting any inspection, testing, survey, study or other review of the Property permitted under Section 6 or any other provision of this Agreement. Buyer shall not: (a) take possession or occupancy of the Property, (b) conduct any business operations at the Property, (c) perform any work at or to the Property, excepting any work required to perform any due diligence review Buyer is permitted by this Agreement to perform, or (d) install or store any equipment or other personalty at the Property.

While acting under this Section, Buyer shall be responsible for security of the Property and shall permit entry to the Property only by Buyer's authorized employees, agents and contractors performing the activities permitted under this Section 19. Buyer shall be responsible for any damage or loss to the Property, the buildings and improvements thereon or the personal property of

Harsco or any other person occurring as the result of Buyer's activities in and about the Property under this Agreement.

Before entering the Property for the limited purposes permitted under this Section 19, Buyer shall provide Harsco with a certificate of insurance evidencing the maintenance by Buyer of insurance against automobile liability (covering owned, hired and non-owned vehicles) and comprehensive general liability (broad form, including contractual coverage and written on an occurrences basis) for injury to persons and damage to property, which shall be underwritten by an insurer deemed satisfactory by Harsco and shall have limits of at least Two Million (\$2,000,000.00) Dollars combined single limit for property damage and for injury to persons. Such certificate shall name Harsco as an additional insured and shall require notice to Harsco of at least thirty (30) days prior to any cancellation or modification of any insurance. Buyer shall also continuously maintain Workers' Compensation insurance in compliance with the laws of all applicable jurisdictions for any and all employees of Buyer entering the Property, with waiver of subrogation in favor of Harsco, and submit to Harsco proof of such insurance in the form of a certificate acceptable to Harsco.

Buyer shall and hereby agrees to indemnify, defend and hold and save harmless Harsco from and against any and all claims, suits, actions, damages, liabilities, costs and expenses, including attorney's fees and court costs, claimed, suffered, filed or prosecuted by any person and arising or alleged to have arisen from or during the activities or conduct, whether or not negligent or alleged to be negligent, of Buyer and Buyer's agents, servants or contractors in and about the Property under this Agreement prior to Closing. This agreement of indemnification and defense shall survive Closing or termination of this Agreement indefinitely.

20. Notices. All notices, demands and other communications which are permitted or required to be given or made by either party to the other in connection with this Agreement shall be in writing, shall be sent by express (one day delivery) courier service or by United States certified mail, postage prepaid and return receipt requested, or by facsimile to the facsimile numbers

provided in this Section 20, with a confirming copy sent on the same day by any other method of delivery provided in this Section 20, and shall be effective upon receipt at the following addresses:

If to Harsco: Harsco Corporation
Attn: Mark E. Kimmel,
Senior Vice President, General Counsel and Secretary
350 Poplar Church Road (Express courier)
Camp Hill, PA 17011

P.O. Box 8888 (Regular mail)
Camp Hill, PA 17001-8888
717-763-6402 (Facsimile)

With a copy to: John Lewin, Esquire
Irwin, Lewin, Cohn & Lewin, P.C.
845 Third Avenue
New York, NY 10022
212-593-1318 (Facsimile)

If to Buyer: Mohammad Ashraf Malik
84-11 Elmhurst Avenue, Apartment 1F
Elmhurst, New York 11373
718-424-9701 (Facsimile)

With a copy to: Richard Walsh, Esquire
Horing Welikson & Rosen P.C.
11 Hillside Avenue
Williston Park, NY 11596
516-535-1701 (Facsimile)

21. **Binding Agreement; Assignment Prohibited.** This Agreement shall be binding upon and inure to the benefit of the respective successors, heirs and permitted assigns of Harsco and Buyer. Buyer shall not assign this Agreement or any rights or obligations of Buyer under this Agreement to any person without the prior written consent of Harsco, which consent may be withheld by Harsco in Harsco's sole discretion. Notwithstanding the foregoing, Buyer may assign this Agreement without Harsco's consent to a non-individual entity (meaning a limited liability company or corporation) wholly and entirely owned and controlled by Buyer. It shall be a

condition of any such permitted assignment that Buyer shall remain jointly and severally obligated with Buyer's assignee for performance of all of Buyer's covenants and obligations under this Agreement. No such assignment by Buyer shall be effective until Buyer delivers written notice thereof to Harsco, which notice shall include: (a) a written instrument of assignment executed by Buyer and Buyer's assignee containing, among other terms and conditions, Buyer's assignee's agreement, running expressly to the benefit of Harsco, to perform all of the covenants and obligations of Buyer under this Agreement; and (b) evidence reasonably acceptable to Harsco that Buyer's assignee satisfies the ownership and control requirements of this Section 21. Buyer's assignee shall also provide Harsco with representations and warranties regarding Buyer's assignee substantially similar to those found in Section 14, subsections (B), (C), (D), and (E) of this Agreement.

22. **Entire Agreement.** This writing contains the entire agreement between Harsco and Buyer concerning its subject matter. No amendment to or modification of this Agreement shall be effective and binding unless reduced to a writing signed by both Harsco and Buyer.

23. **Governing Law.** This Agreement shall be governed by and interpreted in accordance with the laws of the State of New York. Each party has had the opportunity to seek the advice of counsel regarding the content and legal significance of the terms of this Agreement. This Agreement shall not be interpreted as if prepared solely or primarily by counsel for either party, but shall be interpreted as if prepared jointly by counsel for the respective parties.

24. **Recording Prohibited.** This Agreement may not be recorded in the public records of Queens County, New York or any other jurisdiction. If Buyer records, or attempts to record, this Agreement, Buyer will be in material breach of this Agreement.

25. **Signature in Counterparts.** This Agreement may be executed via facsimile or electronic mail and in several separate counterparts, each of which shall be deemed an original and all of which, when taken together, shall constitute one and the same instrument.

26. **Filing.** Both parties agree to provide all information required by either party, any transfer agent, or the attorney for any party to enable any one or more of the aforesaid to comply with sales reporting requirements of Section 6045 of the Internal Revenue Code or any other section of the Code or any regulation promulgated thereunder.

27. **Jurisdictional Registration.** At the closing Buyer agrees to execute and file the necessary registration forms and cards as required by the City and State of New York reflecting the change of ownership for both parties.

28. **Authorization.** The respective attorneys for the parties identified in Section 20 hereof are hereby authorized (a) to give any notice which the party is required to give or may give under this contract and (b) to agree to adjournments of Closing.

29. **Presentation.** The submission of this Agreement by Harsco to Buyer shall not be construed as an offer. Buyer, or any other person or entity of any kind or nature whatsoever, shall have no rights with respect to this Agreement unless and until both Harsco and Buyer shall have executed this Agreement and Harsco shall have delivered a fully executed original counterpart of this Agreement to Buyer.

30. **1031 Exchange.** Buyer, on behalf of a limited liability company of which Buyer is the sole member, 34-06 73rd LLC, has tentatively identified the smaller tax lot of the two (2) tax lots included in the Property being conveyed (Block 113, Lot 11) as the replacement property for purposes of a section 1031 exchange. Buyer maintains all responsibility for fulfilling the requirements outlined in section 1031, related regulations, or any other relevant administrative guidance issued by the Internal Revenue Service. These requirements include, but are not limited to, the identification and exchange rules for replacement property. Harsco in no way guarantees the applicability of section 1031 to the Buyer. All code references are to the Internal Revenue Code of 1986, and the regulations promulgated thereunder. Notwithstanding the

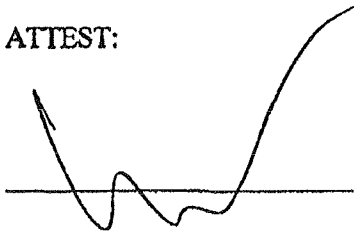
foregoing provisions of this Section 30, the Deed will contain only the unified, single tract description of the Property appearing in Exhibit "A" to this Agreement.

31. **Additional Representations by Harsco.** Harsco represents to Buyer that: (a) there are no service, maintenance, supply, management or other agreements pertaining to the operation and maintenance of the Property (excluding any such agreements recorded in the public real estate records applicable to the Property) entered into by Harsco which would survive closing and be binding upon the Property and Buyer as the owner of the Property following Closing; and (b) there are no leases, licenses or occupancy agreements which are not recorded in the public real estate records applicable to the Property entered into by Harsco which are enforceable against Harsco and the Property as of the date of this Agreement. Harsco will not, between the signing of this Agreement and Closing, enter into any new leases, licenses, occupancy agreements, or other agreements of the type identified in clause (a) above, which will survive Closing and be binding upon the Property and the owner of the Property, except as may be required by applicable law. The representations made by Harsco in this Section 31 shall survive for a period of one (1) year following Closing and no action may be instituted for breach of these representations following such one (1) year period.

32. The Property will be delivered by Harsco to Buyer in broom clean condition.

IN WITNESS WHEREOF, Harsco and Buyer have executed this Agreement to be effective as of the day and year first above written.

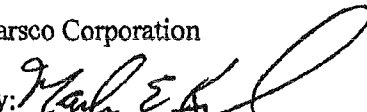
ATTEST:



HARSCO:

Harsco Corporation

By:



Mark E. Kimmel, Senior Vice President,

General Counsel and Secretary

WITNESS :

Meredith M. Ghannam
25-Aug-08

BUYER:

Mohammad Ashraf Malik

Mohammad Ashraf Malik

EXHIBIT "A"

AGREEMENT FOR SALE OF REAL ESTATE BETWEEN

HARSCO CORPORATION AND MOHAMMAD ASHRAF MALIK

DATED AUGUST 25, 2008

(PROPERTY DESCRIPTION)

ALL THAT CERTAIN plot, piece or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the Easterly side of 27th Street, formerly Creek Street, distant 100 feet Southerly from the corner formed by the intersection of the Easterly side of 27th Street with the Southerly side of 49th Avenue, formerly Hunters Point Avenue;

RUNNING THENCE Southerly along the Easterly side of 27th Street, 319.52 feet to the corner formed by the intersection of the Easterly side of 27th Street with the Northerly side of Midtown Highway;

THENCE Easterly along the Northerly side of Midtown Highway, 119.50 feet to an angle point;

THENCE still Easterly along the Northerly side of Midtown Highway or 51st Avenue, 114.42 feet more or less to the Northwestern side of the United States Pier and Bulkhead line of Dutch Kills Basin;

THENCE Northeasterly along the Northwestern side of the United States Pier and Bulkhead line of Dutch Kills Basin to a point forming an interior angle of 167 degrees 21 minutes 34 seconds 302.00 feet;

THENCE Northerly continuing along the Northwestern side of the United States Pier and Bulkhead line of Dutch Kills Basin a distance of 75.29 feet;

THENCE Westerly parallel with the Southerly side of 49th Avenue, 367.10 feet to the Easterly side of 27th Street at the point or place of BEGINNING.

SAID PREMISES KNOWN AS: 50-09 27th Street (Block 113, Lot 1) and 27-21 51st Avenue (Block 113, Lot 11), Long Island City, Queens, New York.

SCHEDULE 1

AGREEMENT FOR SALE OF REAL ESTATE BETWEEN

HARSCO CORPORATION AND MOHAMMAD ASHRAF

DATED AUGUST 25, 2008

(DUE DILIGENCE DOCUMENTS)

1. Examination and Report of Title performed and prepared by Superior Abstract Corporation under Title No. 7584AQ bearing effective date June 30, 2006, including documents annexed to same by letters dated August 9, 2006, October 30, 2006, October 18, 2007 and October 19, 2007
2. Plat of Title Survey performed by Montrose Surveying Co., LLP as Survey No. 54841-1 dated August 17, 2006
3. Report of Phase I Environmental Site Assessment and Limited Phase II for 50-09 27th Street, Long Island City, New York prepared by CA RICH Consultants, Inc. and dated October 5, 2006
4. Report of Bulkhead Conditions Survey of 50-09 27th Street, Long Island City, New York prepared by Vachris Engineering, P.C. dated August 17, 2006

ASSIGNMENT AND ASSUMPTION OF CONTRACT AND CONSENT

ASSIGNMENT dated as of September 12, 2008, between **Mohammad Ashraf Malik** with office at c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York (herein "**Assignor**") and **Bud Media LLC**, a New York Limited Liability Company with an address of c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York, **Coors Media LLC**, a New York Limited Liability Company with an address of c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York, and **34-06 73rd LLC**, a New York Limited Liability Company with an address of c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York, (collectively hereinafter "**Assignees**").

WHEREAS, Assignor and HARSCO CORPORATION (Seller), have entered into that certain Agreement for Sale of Real Estate (the Purchase Agreement@), dated August 25, 2008, between Assignor, as purchaser, and Seller, as seller, for the purchase and sale of that certain real property commonly known as 27-21 51st Avenue, Long Island City, New York, Block 113 Lots 1 and 11 (collectively the Property);

WHEREAS, Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC are all limited liability companies of which Assignor is the sole member and owner and were formed solely for the purpose of taking title to the Property as tenants in common;

WHEREAS, Assignor desires to assign his rights under the Purchase Agreement to Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC for purposes of purchasing the Property under the Purchase Contract, in part because a portion of the Property has been designated as replacement property by 34-06 73rd LLC;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby mutually acknowledged, the parties agree as follows:

1. Assignor hereby assigns and transfers to Assignees, jointly and severally and as tenants-in-common, all of Assignor's right, title and interest in and to the Purchase Contract effective as of 9:00 A.M. EST September 17, 2008 (herein the "**Effective Date**"). Assignees hereby accept such assignment and transfer, and further jointly and severally and for the benefit of Assignor and Seller assume **all** of the obligations, liabilities acknowledgments, releases and agreements of Assignor under the Purchase Agreement as if Assignees signed the Purchase Agreement originally as Owner, regardless of whether the same accrued prior to the Effective Date or shall accrue on or after the Effective Date.

2. Assignor and Assignees shall indemnify and hold Seller harmless against and from any and all liability, fines, suits, claims, demands, actions, costs and expenses of each and

every kind or nature whatsoever (including, without limitation, reasonably attorneys' fees, disbursements and court costs) due to, or arising out of, any:

(a) breach, violation, or non-performance of any term, covenant, or condition of the Purchase Agreement that is on the part of Assignee to be fulfilled, kept, observed, or performed on or after the Effective Date; and/or

(b) injury to any person or persons (including, without limitation, the death of any person or persons) or damage to any property that shall occur in or about either or both of the Property at any time on or after the Effective Date, whether or not such injury or damage is occasioned by Assignees use and occupancy of the Property prior to or after the closing on the Purchase Agreement by any use or occupancy that Assignees may permit or suffer to be made thereof, or otherwise.

3. Assignor covenants, warrants and represents to Assignees that there was no broker or finder instrumental in consummating this Assignment, and that Assignor has had no conversation or negotiation with any broker or finder concerning this Assignment. Assignees covenant, warrant and represent to Assignor that there was no broker or finder instrumental in consummating this Assignment, and that Assignees have had no conversation or negotiation with any broker or finder concerning this Assignment. Assignor and Assignees shall each indemnify and hold the other and Seller harmless from and against any claim for a brokerage commission, finder's fee, or other compensation arising out of any conversations or negotiations had by the indemnifying party with any broker or finder with respect to this Assignment.

4. This Assignment shall be governed by, and construed in accordance with, the laws of the State of New York applicable to agreements made and to be performed in that State.

5. This Assignment may not be changed, modified, or cancelled orally. If any provision of this Assignment, or its application to any situation, shall be invalid or unenforceable to any extent, the remainder of this Assignment, or the application thereof to situations other than that as to which it is invalid or unenforceable, shall not be affected thereby, and every provision of this Assignment shall be valid and enforceable to the fullest extent permitted by law.

6. This Assignment shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and assigns.

7. This Assignment may be executed in one or more counterparts, each of which so executed and delivered shall be deemed an original, but all of which taken together shall constitute but one and the same instrument; facsimile signatures appearing hereon shall be deemed to be originals for purposes of this Assignment.

8. Assignees state that Assignees have read the Purchase Agreement and have received a copy of the Purchase Agreement and agree to be bound by all of terms of the Purchase Agreement.

9. Assignor and Assignees each separately represent and warrant to Seller that:

A. Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC are all validly formed and existing New York Limited Liability Companies in good standing and are all solely owned and controlled by Assignor as the sole member of each;

B. Assignor, Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC all have the power and authority to execute, deliver and perform this Assignment;

C. The execution and delivery by Assignor, and the execution and acceptance by Assignees, Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC, of this Assignment and the performance of their obligations hereunder have been duly authorized by all requisite member action (where such consent is required with respect to the limited liability companies since no such action is required of the individual Assignor) and will not violate any provision of law, any order of court or other agency of government, any Certificate of Formation, Operating Agreement, or Bylaws, any judgment, award or decree or any provision of any indenture, agreement or other instrument to which it is a party or by which he or it is bound, or conflict with, result in a breach of or constitute (with due notice or lapse of time or both) a default under such indenture, agreement or other instrument;

D. This Assignment has been duly and validly executed and delivered by Assignor and duly executed and accepted by Assignees and constitutes a legal, valid and binding obligation of Assignor and Assignees, enforceable in accordance with its terms;

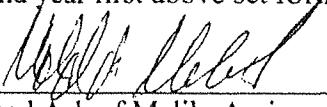
E. Assignor, Bud Media LLC, Coors Media LLC, and 34-06 73rd LLC are not Aforeign persons@ as defined in the U.S. Foreign Investment in Real Property Tax Act;

10. The social security number of Assignor and respective taxpayer identification numbers of Assignees are as follows:

Name/LLC	TAX ID
Mohammad Ashraf Malik	REDACTED
34-06 73 rd LLC	20-0778986
BUD MEDIA LLC	26-3333176
COORS MEDIA LLC	26-3333928

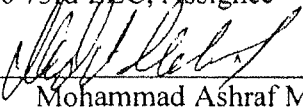
11. Nothing contained herein shall release Assignor of any obligations or liabilities under the Purchase Agreement.

IN WITNESS WHEREOF, the parties hereto have duly executed this Assignment as of the day and year first above set forth.



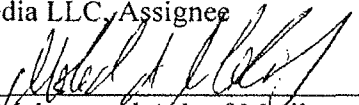
Mohammad Ashraf Malik, Assignor

34-06 73rd LLC, Assignee

By: 

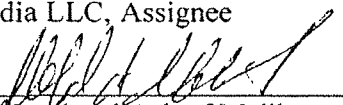
Mohammad Ashraf Malik
Sole Member

Bud Media LLC, Assignee

By: 

Mohammad Ashraf Malik
Sole Member

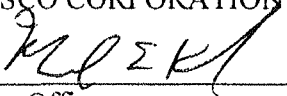
Coors Media LLC, Assignee

By: 

Mohammad Ashraf Malik
Sole Member

Assignment Accepted: _____
Date

HARSCO CORPORATION

By: 

Officer

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

DEED 7375 PAGE 527

THIS INDENTURE, made the 14th day of November, nineteen hundred and Sixty-One

BETWEEN JAMES E. IRVING, ^{RESIDING AT} ~~16~~ Treasure Hill Road, South Kent, Connecticut, JOHN D. WALKER ^{RESIDING AT} ~~16~~ Elm Street, New Canaan, Connecticut and THE FAIRFIELD COUNTY TRUST COMPANY ^{WITH OFFICE AT} ~~300~~ Main Street, Stamford, Connecticut

as executors of the Estate of Walter E. Irving under the last will and testament of said Walter E. Irving - - - - - , late of No. 389 West Avenue, Town of Darien, Connecticut, , deceased,

party of the first part, and IRVICO REALTY CORPORATION, a corporation organized under the laws of the State of New York and having its principal place of business at No. 50-09 Twenty-seventh Street, Long Island City, New York,

party of the second part,

WITNESSETH, that the party of the first part, by virtue of the power and authority given in and by said last will and testament, and in consideration of Four hundred eighty-five thousand - - - (\$485,000.00) - - - - - dollars,

lawful money of the United States, paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

PARCELS I AND II:

ALL that certain plot, piece or parcel of land situate, lying and being in the First Ward, Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northerly side of Midtown Highway with the easterly side of 27th Street and running thence easterly along the northerly side of Midtown Highway, 119.50 feet to an angle point; thence still easterly along the northerly side of Midtown Highway, 34.42 feet; thence northerly parallel with the easterly side of 27th Street, 75 feet; thence easterly along a line parallel with the southerly side of 50th Avenue as the same was shown on the Final City Map prior to February 10, 1955 said line on its southerly side forming an exterior angle of 90 degrees 00 minutes 30 seconds with the last described course, 113.07 feet to the U. S. Pierhead and Bulkhead line of Dutch Kills Basin; thence in a northeasterly direction along said U. S. Pierhead and Bulkhead line of Dutch Kills Basin, 136.70 feet to the said southerly side of 50th Avenue as the same was shown on the Final City Map prior to February 10, 1955; thence westerly along said southerly side of 50th Avenue as the same was shown on the Final City Map prior to February 10, 1955, 318.65 feet to the corner formed by the intersection of said southerly side of 50th Avenue with the easterly side of 27th Street and thence southerly along the easterly side of 27th Street, 169.58 feet to the point or place of BEGINNING.

PARCEL III:

ALL that certain plot, piece or parcel of land, situate, lying and being in the First Ward, Borough and County of

Queens; City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of 27th Street with the northerly side of 50th Avenue, as the same was shown on the Final City Map prior to February 10, 1955 and running thence easterly along said northerly side of 50th Avenue, 345.25 feet to the U. S. Pierhead and Bulkhead line of Dutch Kills Basin; thence northeasterly along the U. S. Pierhead and Bulkhead line of Dutch Kills Basin, 17.62 feet; thence still northeasterly along the U. S. Pierhead and Bulkhead line of Dutch Kills Basin along a line forming an interior angle of 167 degrees 21 minutes 34 seconds with the last described course, 80.42 feet; thence westerly along a line which on its southerly side forms an interior angle of 78 degrees 43 minutes 26 seconds with the last described course, said line being the center line of the block between said northerly side of 50th Avenue and the southerly side of 49th Avenue, a distance of 368.08 feet to the easterly side of 27th Street and thence southerly along the easterly side of 27th Street, 94.97 feet to the point or place of BEGINNING.

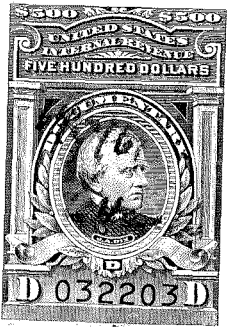
PARCEL IV:

ALL that certain plot, piece or parcel of land, situate, lying and being in the First Ward, Borough and County of Queens, City and State of New York, shown and designated on the Tax Map of the City of New York for the Borough of Queens as Section 1, Block 114, Lot 15 as said Tax Map was on January 31, 1951.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances, and also all the estate which the said decedent had at the time of decedent's death in said premises, and also the estate therein, which the party of the first part has or has power to convey or dispose of, whether individually, or by virtue of said will or otherwise,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.



AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Mary C. Lemon
Miriam K. Kelly

David S. Marvin
Jennifer M. Jones

William T. Farley
as J. E. I.

THE FAIRFIELD COUNTY TRUST COMPANY

By Paul A. Peasley
Vice President

John D. Walker
John D. Walker

James E. Irving
James E. Irving
As Executors of the Estate of Walter E. Irving

DEED 7375 PAGE 530

~~STATE OF NEW YORK, COUNTY OF~~ FAIRFIELD
~~STATE OF CONNECTICUT, COUNTY OF~~ /
On the 14th day of November, 1961, before me personally came JOHN D. WALKER

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

David J. Maurin
Notary Public
My Commission Expires April 1, 1965

STATE OF CONNECTICUT
COUNTY OF FAIRFIELD
~~STATE OF NEW YORK, COUNTY OF~~

On the 14th day of November, 1961, before me personally came PAUL A. PEASLEY to me known, who, being by me duly sworn, did depose and say that he resides at No. 167 Fairview Avenue, Stamford, Connecticut, that he is the Vice President of THE FAIRFIELD COUNTY TRUST COMPANY, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

Howard A. Butcher

SS: STATE OF NEW YORK, COUNTY OF *New York*
On the 17th day of November 1961, before me personally came *James E. Irving*

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

Arlene M. D'Arata
ARLENE M. D'ARATA
Notary Public, State of New York
No. 24-0859915 Qual. in Kings Co.
Cert. filed in New York County
Commission Expires March 30, 1963

SS: STATE OF NEW YORK, COUNTY OF

On the _____ day of _____, 19____, before me personally came _____ the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. _____ that he knows _____ to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed his name as witness thereto.

AKOth

Title No. *Q-83189*
James E. Irving
John D. Walker
The Fairfield County Trust Company
an Exaction Estate of Walker E. Walker
TO

PAUL A. PEASLEY
Conformation
123719

Exempts a Deed

The land affected by the within instrument lies in Section 3 in Block 678 and on the Land Map of the County of *Queens* 679

RECORDED AT REQUEST OF

W.H. man, Ransom & Jackson Esq.
522 5th Ave
New York, N.Y.
EXTRA BLOCK

RECORDED BY _____

HOME TITLE GUARANTY COMPANY
NEW YORK • BROOKLYN • JAMAICA
MINEOLA • WHITE PLAINS • RIVERHEAD
HACKENSACK • EAST ORANGE

RETURN TO

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

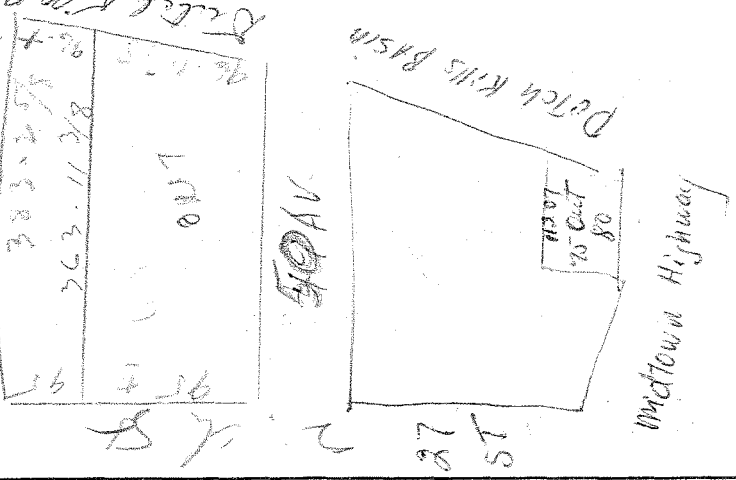
19131

OFFICE OF CITY REGISTER
Queens County
RECORDED IN DEEDS
Witness my hand
and official seal

Lewis Orgel

CITY REGISTER

1961 NOV 22 AM 10:33



THIS INDENTURE, made the 1st day of March, , nineteen hundred and Sixty-Two,
BETWEEN IRVING SUBWAY GRATING CO., INC., a New York corporation,
having its principal office at 50-09 Twenty-seventh Street,
Long Island City, New York,

party of the first part, and IRVICO REALTY CORPORATION, a New York corporation,
having its principal office at 50-09 Twenty-seventh Street,
Long Island City, New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, ^{situate} with the buildings and improvements thereon erected, situate, lying and being in the First Ward, Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 27th Street, distant 189.94 feet southerly from the corner formed by the intersection of the easterly side of 27th Street with the southerly side of 49th Avenue as said 27th Street and 49th Avenue are shown and laid out on Alteration Map No. 3728, said point of beginning being the point where said easterly side of 27th Street is intersected by the northerly side of former 50th Avenue and running thence easterly along a line which on its southerly side forms an interior angle of 90 degrees 00 minutes 30 seconds with the easterly side of 27th Street and along said northerly side of former 50th Avenue, 345.25 feet to the United States Pierhead and Bulkhead Line of Dutch Kills Basin; thence southerly along a line which on its westerly side forms an interior angle of 66 degrees 05 minutes 00 seconds with the preceding course, and along said United States Pierhead and Bulkhead Line 65.64 feet to a point in the southerly side of former 50th Avenue; thence westerly along a line which on its northerly side forms an interior angle of 113 degrees 55 minutes 00 seconds with the preceding course and along said southerly side of former 50th Avenue 318.65 feet to a point in the said easterly side of 27th Street and thence northerly along said easterly side of 27th Street along a line which on its easterly side forms an interior angle of 89 degrees 59 minutes 30 seconds with the preceding course 60 feet to the point or place of BEGINNING, being the same premises conveyed to the said Irving Subway Grating Co., Inc. by Walter E. Irving, by Deed dated June 23rd, 1955, and recorded in the Office of the City Register for the County of Queens at Deed 6790, page 334.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Thomas A. Seenev

Irving Subway Grating Co., Inc.
IRVING SUBWAY GRATING CO., INC.

By *James J. Seenev*
President

NO REVENUE STAMPS AFFIXED

On the day of DEED 7401 PAGE 177
personally came before me

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that _____ executed the same.

Queens

55:

STATE OF NEW YORK, COUNTY OF

555

On the day of 19 , before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. .

that he knows

in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed his name as witness thereto.

GEORGE F. WOODS
 Notary Public, State of New York
 No. 41-4340475
 Qualified in Queens County
 Term expires March 30, 1984

IRVING SUBWAY GRATING CO., INC.

TO
B
A
T
C
H

IRVICO REALTY CORPORATION

Barnes and Sale Dept

WITHOUT COVENANT AGAINST GRANTOR'S ACTS

The land affected by the within instrument
lies in Section 3 in Block 678 on the
Land Map of the County of 679
RECORDED AT REQUEST OF

WHITMAN, RANSOM & COULSON
522 Fifth Avenue
New York, 22, New York

FOR

STANDARD FORM OF
NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by

LG **TITLE GUARANTEE**
and Trust Company

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

2000

OFFICE OF CITY REGISTER
Queens County
RECORDED IN DEEDS
Witness my hand
and official seal

~~RECEIVED, 1946~~

THIS IS A LEGAL INSTRUMENT AND SHOULD BE EXECUTED UNDER SUPERVISION OF AN ATTORNEY.

THIS INDENTURE, made the 28TH day of June, nineteen hundred and sixty-three

BETWEEN PEERLESS OIL AND CHEMICAL CORP., a New Jersey Corporation, with offices at 38-50 Review Avenue, Long Island City, Borough and County of Queens, City and State of New York, party of the first part and

a corporation organized under the laws of

part of the first part, and

IRVICO REALTY CORPORATION, a New York Corporation, with offices at 50-09 Twenty-seventh Street, Long Island City, Borough and County of Queens, City and State of New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of

-----Ten----- Dollars,

lawful money of the United States, and other valuable consideration,

paid by the party of the second part does hereby grant and release unto the party of the second part,

its successors

and assigns forever,

ALL that certain plot, piece or parcel of land, with the buildings thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northwesterly side of the U. S. Pier and Bulkhead line of Dutch Kills Basin, distant 337.23 feet southwesterly as measured along the same from the southwesterly side of 49th Avenue; running thence northwesterly along a line forming an interior angle of 66 degrees 05 minutes 00 seconds with the said Pier line, 113.24 feet to the northwesterly side of Lot #7 in Block #115, as shown on Map of Hunter Van Alst and Debevoise Farms filed 6/11/1875; running thence southwesterly along said line of said Lot #7 and forming an interior angle of 90 degrees 00 minutes 30 seconds with the preceding course, 74.98 feet to the northeasterly side of 51st Avenue; running thence southeasterly along the northeasterly side of 51st Avenue, 80 feet to the northwesterly side of the U. S. Pier and Bulkhead Line of Dutch Kills Basin; running thence northeasterly along said Pier Line, 82.03 feet to the point or place of BEGINNING.

TOGETHER with all the right, title and interest of the party of the first part, in and to riparian rights in front of and adjoining the premises above described, all its right, title and interest, if any, in and to the land under water in Dutch Kills Basin in front of and adjoining said premises.

Being the premises described in deed dated April 16, 1963 from Carey Terminal Corporation to Peerless Oil and Chemical Corporation, party of the first part, and recorded in the Office of the City Register, Queens County in Liber 7512 of Conveyances at page 225, on the 17th day of April, 1963.



TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises.

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, its successors and assigns forever.

AND the party of the first part covenants that it has not done or suffered anything whereby the said premises have been incumbered in any way whatever.

The grantor, in compliance with Section 13 of the Lien Law, covenants that the grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and that the grantor will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

IN WITNESS WHEREOF, the party of the first part has caused its corporate seal to be hereunto affixed, and these presents to be signed by its duly authorized officer the day and year first above written.

In presence of:

PEERLESS OIL AND CHEMICAL CORP.

By

STATE OF NEW YORK

COUNTY OF NEW YORK

ss.:

On the 28th day of June 1963 before me came D. J. CAREY, JR. to me known, who, being by me duly sworn, did depose and say that he resides in 48 Chapel Road, Manhasset, New York that he is the President of Peerless Oil and Chemical Corp., the corporation described in, and which executed, the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation; and that he signed his name thereto by like order.

MICHAEL J. WHELAN
Notary Public, State of New York
No. 31-9636260
Qualified in New York County
Commission Expires March 30, 1964

PEERLESS OIL AND CHEMICAL CORP.

IRVICO REALTY CORPORATION

DEED

Dated, June 28, 1963

The land affected by the within instrument lies in Section 3 in Block 678 on the Land Map of the County of Queens, N.Y.

RECORD AND RETURN TO

Whitman Ransom & Corleau
522 Fifth Avenue
New York 36, N.Y.
Att: William T. Farley

Reserve this space for use of Recording Office.

1963 JUL -3 AM 11:34

OFFICE OF CITY REGISTER
Queens County
RECORDED IN DEEDS
Witness my hand
and official seal

Ann's Orgel

10660

RETURN RPI #

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

201RS

THIS INDENTURE, made the 16th day of ~~July~~ ^{August}, nineteen hundred and sixty-five
BETWEEN IRVICO REALTY CORPORATION, a New York corporation, with
 principal office and place of business at 50-09 27th Street, Long
 Island City, Queens County, New York

DEED 7817 PAGE 192

party of the first part, and HARSCO CORPORATION, a Delaware corporation, with
 principal office and place of business at Tenth and Herr Street,
 City of Harrisburg, County of Dauphin, Pennsylvania

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 27th Street, formerly Creek Street, distant 100 feet southerly from the corner formed by the intersection of the easterly side of 27th Street with the southerly side of 49th Avenue, formerly Hunters Point Avenue; running thence southerly along the easterly side of 27th Street, 319.52 feet to the corner formed by the intersection of the easterly side of 27th Street with the northerly side of Midtown Highway; thence easterly along the northerly side of Midtown Highway, 119.50 feet to an angle point; thence still easterly along the northerly side of Midtown Highway or 51st Avenue, 114.42 feet more or less to the northwesterly side of the United States Pier and Bulkhead line of Dutch Kills Basin; thence northeasterly along the northwesterly side of the United States Pier and Bulkhead line of Dutch Kills Basin, 317.29 feet to a point distant 101.97 feet southerly from the southerly side of 49th Avenue measured along said Pier and Bulkhead line and thence westerly parallel with the southerly side of 49th Avenue, 367.10 feet to the easterly side of 27th Street at the point or place of BEGINNING.

This Deed is given to confirm title to the above-described real property in the party of the second part, the same having heretofore been acquired by party of the second part by virtue of a merger into party of the second part by the party of the first part pursuant to Section 253 of the General Corporation Law of the State of Delaware and Section 907 of the Business Corporation Law of the State of New York.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

William J. Flannery

IRVICO REALTY CORPORATION

By *[Signature]*

President

Seal of the
 IRVICO REALTY CORPORATION
 The affixing of the seal of
 Irvico Realty Corporation
 by facsimile is authorized
 by the By-Laws of the Corporation

On the day of 19 , before me personally came

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF Queens

SS:

STATE OF NEW YORK, COUNTY OF

SS:

On the day of July 19 65, before me personally came JAMES E. IRVING

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No. 15 Middlesex Road, Darien, Connecticut ; that he is the President of Irvico Realty Corporation

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows

in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed his name as witness thereto.

Notary Public

WILLIAM J. FLANNERY
NOTARY PUBLIC, State of New York
No. 30-1247975
Qualified in Nassau County
Certificate filed in New York County
Term Expires March 30, 1967

TITLE No. 097966

D 17574

IRVICO REALTY CORPORATION

TO

NOT SUBJECT HARSICO CORPORATION
TO MTGE TAX

Bargain and Sale Deed

WITHOUT COVENANT AGAINST GRANTOR'S ACTS

The land affected by the within instrument lies in-Section 74 in-Block 113 on the Land-Map of the County of Queens

RECORDED AT REQUEST OF

Nixon, Muddy Ross Gulbraith
20 Broad Street
New York City

RECORDED BY
HOME TITLE DIVISION
CHICAGO TITLE
INSURANCE COMPANY
RETURN TO

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1965 AUG 31 AM 10: 16

OFFICE OF CITY REGISTRAR
Queens County
RECORDED IN DEEDS
Witness my hand
and official seal

Henry Ogil

16153

RETURN RPT #

BARGAIN AND SALE DEED
(With Covenant Against Grantor Acts)

THIS INDENTURE, made the 16th day of September, 2008

BETWEEN HARSCO CORPORATION, a Delaware corporation having its principal office at 350 Poplar Church Road, Camp Hill, Pennsylvania 17011, as **Grantor**, **Bud Media LLC**, a New York Limited Liability Company with an address of c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York 11596, **Coors Media LLC**, a New York Limited Liability Company with an address of c/o Horing Welikson & Rosen P.C., 11 Hillside Avenue, Williston Park, New York 11596, and **34-06 73rd LLC**, a New York Limited Liability Company with an address of 84-11 Elmhurst Avenue, Elmhurst, New York 11373, as tenants in common, as **Grantee**.

WITNESSETH, that the Grantor, in consideration of NINE MILLION FIVE HUNDRED THOUSAND DOLLARS (US) (\$9,500,000.00) paid by the Grantee, does hereby grant and release unto the Grantee and its heirs, successors and assigns forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in Long Island City, Borough of Queens, State of New York and more particularly described in Exhibit A hereto.

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the Grantor in and to said premises. See Rider I.

TITLE HEREBY CONVEYED SUBJECT TO: (a) land use regulations and other applicable laws, codes and ordinances; (b) real property taxes and assessments not yet due and payable; (c) easements, rights of way, restrictions, covenants, conditions, agreements, reservations and similar encumbrances of record; (d) any and all exceptions to title, riparian rights of other persons and title and regulatory rights of the United States, State of New York and City of New York arising from or related to the waterway known as Dutch Kills Basin abutting the Property on the east; (e) matters, encumbrances and conditions which (i) are visible on the property or (ii) would be discovered by a current and accurate ALTA/ACSM survey of the property, including without limitation easements, rights-of-way, encroachments by improvements on the property against adjoining property, encroachments by improvements on adjoining property against the property, shortages in area, variances or discrepancies in boundaries and non-contiguity between or among separate tracts; (f) all local, state or federal violations, including emergency violations, placed on the property, regardless of the authority issuing same; (g) party wall agreements, if any; (h) consents in writing prior to the date of this Agreement by Grantor or any former owner of the Property for the erection of any structure or structures on, under or above any street or streets on which the property may abut; (i) the notices of appropriation recorded in Reel 2859, Page 2249, Reel 2893, Page 1287, Reel 2859, Page 2260, Reel 2893, Page 1318, Reel 2893, Page 1321, Reel 2893, Page 1322 and Reel 2893, Page 1323, all recorded in Queens County Clerks Office; (j) restrictive declarations recorded in Reel 5280, Page 2488, and Reel 5280, Page 2491, all recorded in Queens County Clerks Office; (k) minor variations between the record lot lines of the Property and those shown on the tax map, and (l) any easement or right of use created in favor of any public utility company for electric, steam, gas, telephone, water, television cable or other service and the right to install, use, repair and replace wiring, cables, terminal boxes, lines, service connections, poles, mains, facilities and the like upon, under and across the property.

TO HAVE AND TO HOLD the premises herein granted unto the Grantee and the heirs or successors and assigns of the Grantee forever.

AND the Grantor covenants that the Grantor has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such

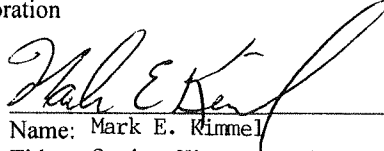
Block
113
Lot
1
and
Lot
11

consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

IN WITNESS WHEREOF, the Grantor has duly executed this deed the day and year first above written.

HARSCO CORPORATION, a Delaware corporation

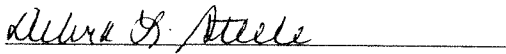
By:



Name: Mark E. Kimmel

Title: Senior Vice President, Chief
Administrative Officer, General
Counsel and Corporate Secretary

Witness:



RIDER 1

ALSO TOGETHER WITH: (i) the buildings and improvements erected on the premises, (ii) all fixtures installed or incorporated therein including the cranes and the billboard structures currently existing on the Premises, (iii) all of Harsco's right, title and interest in and to any and all appurtenances thereto, and (iv) all right, title and interest of Harsco, if any, in and to the land lying in the bed of any street or highway abutting the premises, to the center line thereof, and to any unpaid award for any taking by condemnation or any damage to the Property by reason of a change of grade of any street or highway.

EXHIBIT A

ALL that certain plot, piece or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the Easterly side of 27th Street, formerly Creek Street, distant 100 feet Southerly from the corner formed by the intersection of the Easterly side of 27th Street with the Southerly side of 49th Avenue, formerly Hunters Point Avenue;

RUNNING THENCE Southerly along the Easterly side of 27th Street, 319.52 feet to the corner formed by the intersection of the Easterly side of 27th Street with the Northerly side of Midtown Highway;

THENCE Easterly along the Northerly side of Midtown Highway, 119.50 feet to an angle point;

THENCE still Easterly along the Northerly side of Midtown Highway or 51st Avenue, 114.42 feet more or less to the Northwesterly side of the United States Pier and Bulkhead line of Dutch Kills Basin;

THENCE Northeasterly along the northwesterly side of the United States Pier and Bulkhead line of Dutch Kills Basin, the following two courses and distances:

- 1) at an interior angle to the last mentioned course of 113 degrees 55 minutes, 302 feet;
- 2) at an interior angle to the last mentioned course of 167 degrees 21 minutes 34 seconds, 75.29 feet to a point;

THENCE Westerly parallel with the Southerly side of 49th Avenue, 367.10 feet to the Easterly side of 27th Street at the point or place of BEGINNING.

SAID PREMISES KNOWN AS: 50-09 27th Street and 27-21 51st Avenue, Long Island City, Queens, New York

TO BE USED ONLY WHEN THE ACKNOWLEDGEMENT IS MADE IN NEW YORK STATE

State of New York, County of ss. State of New York, County of ss.

On the day of in the year On the day of in the year
before me, the undersigned, personally appeared before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument

Personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

(insert the City or other political subdivision)

(signature and office of individual taking acknowledgment)

TO BE USED ONLY WHEN THE ACKNOWLEDGEMENT IS MADE OUTSIDE NEW YORK STATECommonwealth
State of Pennsylvania

ss:

County of Cumberland

On the 16th day of September in the year 2008 before me, the undersigned, personally appeared Mark E. Kimmel, Sr. V.P., CAO, Gen. Counsel & Corp. Secretary of Harsco Corporation personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

Boro of Wormleysburg in Pennsylvania

(insert the City or other political subdivision)

(and insert the State or Country or other place the acknowledgment was taken)

NOTARIAL SEAL
DEBRA L. STEELE, Notary Public
Boro of Wormleysburg, Cumberland County
My Commission Expires May 6, 2012

Debra L. Steele
(signature and office of individual taking acknowledgment)
Debra L. Steele, Notary Public

**BARGAIN AND SALE DEED
WITH COVENANT AGAINST GRANTOR'S ACTS**

HARSCO CORPORATION

TO

BUD MEDIA LLC,

COORS MEDIA LLC, and

34-06 73RD LLC

SECTION

BLOCK: 113

LOTS: 1 and 11

COUNTY OR TOWN Queens

STREET ADDRESS 50-09 27th Street
and 27-21 51st StreetRecorded at Request of
New York Title Research Corp

RETURN BY MAIL TO:

Richard T. Walsh, Esq.
Horing, Welikson & Rosen
11 Hillside Avenue
Williston Park, New York 11596

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE



EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

50-09 27th Street
50-09 27th Street
Long Island City, NY 11101

Inquiry Number: 1700370.6

Tuesday, June 20, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

■ *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 100.32 Feet of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: June 20, 2006

Target Property:

50-09 27th Street
Long Island City, NY 11101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1922	Address Not Listed in Research Source	The Metropolitan Directory Co.
1934	<u>**27TH ST**</u> IRVING IRON WORKS COMPANY INC WALTER E IRVING PRES STEPH M B (5009)	R. L. Polk & Co.
1939	<u>**27TH ST**</u> IRVING IRON WKS CO (5009) IRVING SUBWAY GRATING CO INC (5009)	New York Telephone Company
1945	<u>**27TH ST**</u> CORBETTA CONST CO (5009) IRVING SUBWAY GRATING CO INC (5009)	New York Telephone
1950	Address Not Listed in Research Source	New York Telephone
1962	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO INC (5009)	New York Telephone Directory
1967	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO DIV OF HARSCO CORP (5009)	New York Telephone
1970	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO DIV OF HARSCO CORP (5009)	New York Telephone
1976	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARSCO CORP (5009)	New York Telephone
1983	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARACO CORP (5009)	New York Telephone
1991	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARSCO CORP (5009)	NYNEX Information Resource Company
1996	Address Not Listed in Research Source	NYNEX
2000	<u>**27TH ST**</u>	Cole Information Services

Year Uses

2000 (continued)
PATENT CONST SYST (5009)
PATENT CONST SYST (5009)
PATENT SCFFLDNG (5009)

Source

Adjoining Properties

SURROUNDING

Multiple Addresses
Long Island City, NY 11101

Year Uses

1922 Address Not Listed in Research Source

Source

The Metropolitan Directory Co.

1934 ****27TH ST****

R. L. Polk & Co.

BR (5002)

1939 ****27TH ST****

New York Telephone Company

CONTINUOUS SALES CORPN PLUMB & HEATQ SUPP (5002)

HEDGES WALSH WEIDNER CO SOIL PIPE (5002)

RICHMOND RADIATOR CO ENAMELED WARE (5002)

1945 Address Not Listed in Research Source

New York Telephone

1950 ****50TH AVE****

New York Telephone

MILLER FLORENCE S (2594)

1962 Address Not Listed in Research Source

New York Telephone Directory

1967 ****27TH ST****

New York Telephone

KOBERLEIN EXPRSS & TRANSFER CO INC (5002)

G & G DINER (5014)

1970 ****27TH ST****

New York Telephone

KOBERLEIN EXPRSS & TRANSFER CO INC (5002)

G&G DINER (5014)

1976 ****27TH ST****

New York Telephone

G & G DINER (5014)

1983 ****27TH ST****

New York Telephone

G & G DINER (5014)

1991 ****27TH ST****

NYNEX Information Resource Company

ENGROSS TRADING INC (5010)

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	(continued)	
	G & G DINER (5014)	
	G & G DINER (5014)	
	FIVE STAR APPAREL (5020)	
1996	Address Not Listed in Research Source	NYNEX
2000	<u>**27TH ST**</u>	Cole Information Services
	51ST AV INTS FROM (5020)	
	DELTA ADVERTISING (5020)	
	NYPCO INDSTRS INC (5020)	

Superior Abstract Corporation

Title No: 7584AQ

Effective Date: June 30, 2006

BLOCK: 113

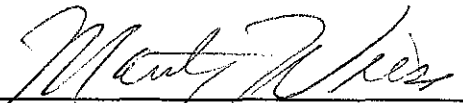
LOTS: 1 and 11

PREMISES: 50-09 7th Street and 27-21 51st Avenue, Long Island City

**THIS IS AN EXAMINATION AND REPORT OF TITLE PREPARED FOR AND
CERTIFIED TO:**

**James, Smith, Dietterick & Connelly, LLP
Attn: James F. Spade, Esq.
P.O. Box 650
Hershey, PA. 17033**

SUPERIOR ABSTRACT CORPORATION

By 
Attorney-at-Law

SUPERIOR ABSTRACT CORP.

105 Court Street
Brooklyn, N.Y. 11201
(718) 522-0366

C E R T I F I C A T E

The within Title Abstract contains a full and accurate transcription of all instruments on record in the Register's Office; a complete search for the required periods for Judgments, Mechanic Liens, Lis Pendens, Sheriff's Sales and any and all other papers filed in the County Clerk's Office, and also a search for al unpaid Taxes, Assessments, Water Rates and Tax Lien Sales.

Unpaid reported to the contrary, all papers and instruments are correct and in the usual and proper form. Notarial and Commissioner of Deed Certificates have been carefully checked.

Liability under this abstract shall not exceed \$1,000.00, regardless of whether the claim be based on contracts or on torts.

NOTE: This abstract may be converted into title insurance to be issued by a member of the New York Board of Title Underwriters at the title insurance company's rates.

Title Number: 7584AQ

Schedule B

THIS COMPANY CERTIFIES that a good and marketable title to the premises described in Schedule A, subject to the liens, encumbrances and other matters, if any, set forth in this certificate may be conveyed and/or mortgaged by:

HARSCO CORPORATION

Source of Title: By deed from: IRVICO REATLY CORPORATION, dated: August 16th, 1965, recorded: August 31st, 1965 in Liber 7817 Page 192.

Title Recertified In:

Hereinafter set forth are additional matters which will appear in our policy as exceptions from coverage unless disposed of to our satisfaction prior to the closing or delivery of the policy.

1. Taxes, tax liens, tax sales, water rates, and sewer rents and assessments set forth in schedule herein.
2. Mortgages returned herewith and set forth herein. (None of Record)
3. Any state of facts an accurate survey would show or physical inspection would disclose.
or
Survey exceptions set forth herein.
4. If a Power of Attorney is to be delivered at closing, it must be submitted to this Company for approval, prior to closing.
5. Affidavit of Title will be required at closing.
6. Rights of tenants or persons in possession.
7. Acceptable photographic proof of identification of Grantors and/or Mortgagors must be submitted at closing of title.
8. Covenants, restrictions, easements, leases, agreements of record etc. more fully set forth in Schedule herein: (3)
 - a) Release Agreement recorded in Liber 6772 Page 637. See copy attached.
 - b) Restrictive Declarations recorded in Reel 5280 Page 2488 and Reel 5280 Page 1491. See copies attached.

Schedule B - continued

9. Full searches were made against HARSCO CORPORATION shows: Nothing found.
10. New York State Franchise Taxes against HARSCO CORPORATION -to date - Sent for.
11. Lien of New York City Corporation Tax as authorized by Chapter 772 of the Laws of 1966 against HARSCO CORPORATION This objection may be cleared by obtaining a status report at the Finance Administration, City of New York, 25 Elm Place, Brooklyn, New York.
12. The proposed mortgagor herein being a corporation, it is required that a certificate of the secretary of said corporation duly acknowledged setting forth that a resolution of the Board of Directors authorizing the execution and deliverance of said proposed mortgage and further certifying the Certificate of incorporation does not require the vote or consent of the stockholders to authorize such action by the Board of Directors must be obtained.
13. No title is insured to any land now or formerly lying in the bed of , its arms, branches or tributaries by whatever name called.
14. No title is insured to any land lying below the present or any former high water line of DUTCH KILLS BASIN
15. Except riparian rights and easements of others to and over DUTCH KILLS BASIN but policy does not insure any riparian rights or easements in favor of the owner of the premises herein.
16. No title is insured to any portion or part of the premises herein within the lines of which is not under solid fill.
17. Except the right of the United States Government to establish harbor, bulkhead or pierhead lines or to change or alter any such existing lines and to remove or compel the removal of fill and improvements thereon (including buildings or other structures) from land now or formerly lying below the high water mark of DUTCH KILLS BASIN without compensation to the insured.
18. Except the rights of the United States Government, the State of New York and the City of New York or any other of their departments or agencies to regulate and control the use of the piers, bulkhead, land under water and adjacent thereto.
19. Two (2) Notice of Appropriations recorded in Reel 2859 Page 2260 and Reel 2893 Page 1318. See copies attached.
20. Copy of deed into certified owner to follow.

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:

INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS

<u>MAP NOS.</u>	<u>PARCEL NOS.</u>
12	12

REEL 2859 PAGE 2260

NOTICE OF APPROPRIATION

Pursuant to the statute set forth in the above descriptions and maps

TO: HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
I K G INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 1989, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16th day of AUG 16 1989, 1989, there was filed in the office of the Register of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said county Register.

COMMISSIONER OF TRANSPORTATION
OF THE STATE OF NEW YORK

Dated: AUG 16 1989

BY:

D.J. Gurnett, Director, Real Estate Division

MAP 12 PARCEL 12

I-495 - QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

NOTICE OF APPROPRIATION

TITLE BY FILING PURSUANT TO SECTION 30 OF
THE HIGHWAY LAW AND EMINENT DOMAIN PROCEDURE LAW

BLOCK 113, ^{pp} LOT 1

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION
HUNTERS POINT PLAZA
47-40 21ST STREET - ROOM 309
LONG ISLAND CITY, NEW YORK 11101

RECEIVED
JUL 16 1968

40003

B NO CHARGE

08-16-67	Q-01	D-CONV	478000
	PAID	O-CONV	40.00

RECORDED IN QUEENS COUNTY



1968 JUL 16 P 2:53

WITNESS MY HAND
AND OFFICIAL SEAL
JUL 16 1968

ROW 11-R1 a (12/84)
(Section B)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT: INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS
MAP NOS. 12
PARCEL NOS. 12

AFFIDAVIT OF PERSONAL SERVICE

State of New York)
County of Queens) SS.

John F. Morrison, being duly sworn, deposes and says: that he
is over eighteen years of age; that he resides at 354 Bay Ridge Parkway,
Brooklyn, New York 11209; that he made personal service on

of a copy of the attached notice of appropriation and a copy of each of the descriptions
and maps referred to therein, at the times and places set forth below:

(if corporation)

Name	Name and Title of Officer Served	Place of Service	Date of Service
	Joe Columbo, General Manager	50-09 27th St. Long Island City, NY 11101	9/27/89

APPROX. WGT: 160 lbs. APPROX. HGT: 5'6" OTHER IDENT. FEATURES

SEX: Male HAIR COLOR: Black SKIN COLOR: White APPROX. AGE 55

by delivering to and leaving personally with each of said persons and with each of the
above named corporate officers true copies thereof.

Deponent further states that he knew the persons and corporations so served by him
to be the same persons and corporations named in said notice and to whom said notice was
directed and further knew the persons named above as corporate officers to be such officers.

Sworn to before me this 28th day
of September, 1989.

Notary Public, State of New York

WILLIAM P. ADLER
Notary Public, State of New York
No. 24-484433
Qualified in Kings County
Commission Expires March 6, 1991

John F. Morrison

REC 2093 OCT 13 1989

ROW 91-R1a (11/84)
(Section A)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:

INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS	
MAP NOS.	PARCEL NOS.
12	12

REC 289 JUNE 13 1989

NOTICE OF APPROPRIATION

Pursuant to the statute set forth in the above descriptions and maps

TO: HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
I K G INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 19 89, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16 day of AUG 16 1989, 19 89, there was filed in the office of the CLERK of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said county clerk REGISTER

COMMISSIONER OF TRANSPORTATION
OF THE STATE OF NEW YORK

Dated: AUG 16 1989



BY:

D.J. Gurnett, Director, Real Estate Division

NAP 12 PARCEL 12

1-486 - QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

AFFIDAVIT OF PERSONAL SERVICE

TITLE BY EJECTMENT, IN ACCORDANCE WITH
THE HIGHWAY LAW AND EJECTMENT PROCEDURE LAW

BLOCK 113 LOT 1

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION
HUNTERS POINT PLAZA
47 10 2 ST STREET, ROOM 309
LONG ISLAND CITY, NEW YORK 11101

61756

10-20-89 9:31 0-000 509257
2010 0-000 4000

RECORDED IN QUEENS COUNTY

1989 OCT 24 P 3 10

WITNESSED
AND CERTIFIED

per [signature]

ROW 91-B1 # (12/84)
(Section B)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:	DESCRIPTIONS AND MAPS	
	MAP NOS.	PARCEL NOS.
INTERSTATE ROUTE 495 QUEENS MIDTOWN VIADUCT QUEENS COUNTY CITY OF NEW YORK	13	13

AFFIDAVIT OF PERSONAL SERVICE

State of New York)
County of QUEENS) SS.

John F. Morrison

being duly sworn, deposes and says: that he
is over eighteen years of age; that he resides at 354 Bay Ridge Parkway,
Brooklyn, New York 11209; that he made personal service on

of a copy of the attached notice of appropriation and a copy of each of the descriptions
and maps referred to therein, at the times and places set forth below:

(if corporation)			
Name	Name and Title	Place of Service	Date of Service
	Susan Wiener, Counsel for MTA Long Island Railroad	347 Madison Ave. New York, NY 10017	9/12/88

APPROX. WGT: 120 lbs. APPROX. HIGHT: 5'8" OTHER IDENT. FEATURES _____
SEX: Female HAIR COLOR: Brown SKIN COLOR: White APPROX. AGE: 30

by delivering to and leaving personally with each of said persons and with each of the
above named corporate officers true copies thereof.

Deponent further states that he knew the persons and corporations so served by him
to be the same persons and corporations named in said notice and to whom said notice was
directed and further knew the persons named above as corporate officers to be such officers.

Sworn to before me this 26th day
of September, 19 88.

William D. Hall

Notary Public, State of New York

Notary Public, State of New York
No. 24-494335
Qualified in Kings County
Commission Expires March 8, 1991

John F. Morrison

ROW 91-R1a (11/84)
(Section A)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:

INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS MAP NOS.	PARCEL NOS.
13	13

REC-2891 REC 1322

SUPERSEDING
NOTICE OF APPROPRIATION

Pursuant to the statute set forth in the above descriptions and maps

TO: HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
I K G INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 1989, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16th day of AUGUST, 1989, there was filed in the office of the County Clerk of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said County Clerk.

Dated: 8-18-89

COMMISSIONER OF TRANSPORTATION
OF THE STATE OF NEW YORK



BY:

D.J. Gurnett, Director, Real Estate Division

ROW 91-R1a (11/84)
(Section A)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:
INTERSTATE ROUTE 494
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS	
MAP NOS.	PARCEL NOS.
13	13

REC 2609 JUL 13 1989

NOTICE OF APPROPRIATION

Pursuant to the statute set forth in the above descriptions and maps
TO: LONG ISLAND RAILROAD COMPANY - c/o Metropolitan Transportation Authority
Real Estate Dept., 347 Madison Ave, New York, NY 10017
HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
IRG INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 19 89, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16 day of AUG 16 1989, 19 89, there was filed in the office of the Register of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said county clerk REGISTER.

Dated: AUG 16 1989

COMMISSIONER OF TRANSPORTATION
OF THE STATE OF NEW YORK



BY:

D.J. Gurnett, Director, Real Estate Division

REC 2893 PAGE 1324

MAP 13 - PARCEL 13

1-4-31 - QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

AFFIDAVIT OF PERSONAL SERVICE

TITLE BY FILING COMPLAINT TO SECTION 10 OF
THE HIGHWAY LAW AND URGENT INJUNCTION PROCEDURE LAW

BLOCK 113 LOT 1

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION
HUNTERS POINT PLAZA
47-49 21ST STREET - ROOM 306
LONG ISLAND CITY, NEW YORK 11101

LOU. VELA
BY FAX 10/24/89

61737

10-24-89 9:27 3-CONV 509258
PRTD 0-CONV 4000

RECORDED IN QUEENS COUNTY

1989 OCT 24 P 3:10

WITNESS MY
HAND AND OFFICE

Schedule A Description

Title Number 7584AQ

Page 1

ALL that certain plot, piece or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the Easterly side of 27th Street, formerly Creek Street, distant 100 feet Southerly from the corner formed by the intersection of the Easterly side of 27th Street with the Southerly side of 49th Avenue, formerly Hunters Point Avenue;

RUNNING THENCE Southerly along the Easterly side of 27th Street, 319.52 feet to the corner formed by the intersection of the Easterly side of 27th Street with the Northerly side of Midtown Highway;

THENCE Easterly along the Northerly side of Midtown Highway, 119.50 feet to an angle point;

THENCE still Easterly along the Northerly side of Midtown Highway or 51st Avenue, 114.42 feet more or less to the Northwestern side of the United States Pier and Bulkhead line of Dutch Kills Basin;

THENCE Northeasterly along the Northwestern side of the United States Pier and Bulkhead line of Dutch Kills Basin, 317.29 feet to a point distant 101.97 feet Southerly from the Southerly side of 49th Avenue measured along pier and Bulkhead line and;

THENCE Westerly parallel with the Southerly side of 49th Avenue, 367.10 feet to the Easterly side of 27th Street at the point or place of BEGINNING.

SAID PREMISES KNOWN AS: 50-09 27th Street and 27-21 51st Avenue, Long Island City, Queens, New York



S.J. CARROLL JR., INC.

Researching the Records of NYC Agencies

Quality & Service **25**
for over **years**

TAX SEARCH

COMPANY: SUPERIOR ABSTRACT

DATE : 07/31/2006

TITLE #: 7584AQ

TAX MAP ATTACHED

COUNTY: QUEENS

BLOCK: 113

LOT: 11

SJC REF: 308062

PREMISES : 27-21 51 AVENUE

2006/2007 A.V. TAX CLASS: 4

TAX RATE: 11.306

BUILDING CLASS: V1

(TRANS.) LAND: 77,220

TOTAL: 77,220

EX. 0

EX. 0

(ACTUAL) LAND: 86,850

TOTAL: 86,850

EX. 0

EX. 0

REASON FOR EXEMPTION: NO EXEMPTIONS

A.O.: PATENT CONSTRUCTION S

COUNTY: QUEENS

SEC/VOL: 102

BLOCK: 113

LOT: 11

WATER & SEWER RENT CHARGES ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL
PROTECTION MAY BE PENDING. (SEE SEPARATE WATER DEPARTMENT SEARCH.)

2006/2007 TAX

1 ¼

DUE 07/01/06

2,182.62 PAID 07/14/06

UNOFFICIAL

2 ¼

DUE 10/01/06

2,182.62 OPEN

3 ¼

DUE 01/01/07

2,182.62 OPEN

4 ¼

DUE 04/01/07

2,182.62 OPEN

VAULT TAX CHARGES: NONE

SUBJECT TO CONTINUATION PRIOR TO CLOSING.

NOTHING ELSE FOUND.

IMPORTANT NOTICE ABOUT SEARCH INFORMATION

Some of the items reflected hereon may have been paid but payment not officially posted. Receipts of such items should be produced on closing. This commitment includes such unpaid taxes, water and sewer charges and other matters relating to taxes which are indexed, as of the date of this commitment, against the above block & lot on the official records of the Department of Finance, Office of the City Collector. No responsibility is assumed for any error or omissions on the record nor any taxes levied after the date of this commitment. If a tax exemption is noted above, same may terminate on the date when premises are conveyed by the certified owner, and the full tax rate thereupon be reinstated. Our tax search does not cover any part of the street on which the premises to be insured abut.

Page 1 of 1



S.J. CARROLL JR., INC.

Researching the Records of NYC Agencies

Quality & Service
for over **25** *years*

WATER DEPARTMENT SEARCH

COMPANY: SUPERIOR ABSTRACT

DATE : 07/31/2006

TITLE #: 7584AQ

COUNTY: QUEENS

PREMISES : 27-21 51 AVENUE

BLOCK: 113

LOT: 11

SJC REF: 308062

NO ACCOUNTS EXIST FOR THE ABOVE BLOCK & LOT.

IMPORTANT NOTICE ABOUT SEARCH INFORMATION

S.J. CARROLL JR. INC. DOES HEREBY STATE THAT THE RECORDS OF THE ABOVE CITY AGENCY WAS EXAMINED AND THAT THE INFORMATION REPORTED ABOVE IS TRUE AND ACCURATE ABSTRACT OF THE INFORMATION CONTAINED THEREIN ON THE ABOVE NOTED DATE. THIS REPORT IS FOR INFORMATION PURPOSES ONLY. NO LIABILITY IS ASSUMED HEREUNDER.

Page 1 of 1



S.J. CARROLL JR., INC.

Researching the Records of NYC Agencies

Quality & Service
for over **25** years

TAX SEARCH

COMPANY: SUPERIOR ABSTRACT

DATE : 07/31/2006

TITLE #: 7584AQ

TAX MAP ATTACHED

COUNTY: QUEENS BLOCK: 113 LOT: 1

SJC REF: 308063

PREMISES : 50-09 27 STREET

2006/2007 A.V. TAX CLASS: 4 TAX RATE: 11.306 BUILDING CLASS: E9

(TRANS.) LAND: 492,300 TOTAL: 774,400 EX. 0 EX. 0

(ACTUAL) LAND: 463,500 TOTAL: 873,000 EX. 0 EX. 0

REASON FOR EXEMPTION: NO EXEMPTIONS A.O.: PATENT CONSTRUCTION S

COUNTY: QUEENS SEC/VOL: 102 BLOCK: 113 LOT: 1

WATER & SEWER RENT CHARGES ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL
PROTECTION MAY BE PENDING. (SEE SEPARATE WATER DEPARTMENT SEARCH.)

2006/2007 TAX 1 1/2 DUE 07/01/06 43,776.82 PAID 07/14/06
UNOFFICIAL

2 1/2 DUE 01/01/06 43,776.82 OPEN

VAULT TAX CHARGES: NONE

SUBJECT TO CONTINUATION PRIOR TO CLOSING.
NOTHING ELSE FOUND.

IMPORTANT NOTICE ABOUT SEARCH INFORMATION

Some of the items returned hereon may have been paid but payment not officially posted. Receipts of such items should be produced on closing. This commitment includes such unpaid taxes, water and sewer charges and other matters relating to taxes which are indexed, as of the date of this commitment, against the above block & lot on the official records of the Department of Finance, Office of the City Collector. No responsibility is assumed for any error or omissions on the record nor any taxes levied after the date of this commitment. If a tax exemption is noted above, same may terminate on the date when premises are conveyed by the certified owner, and the full tax rate thereupon be reinstated. Our tax search does not cover any part of the street on which the premises to be insured abut.

Page 1 of 1



S.J. CARROLL JR., INC.

Researching the Records of NYC Agencies

Quality & Service
for over **25** years

WATER DEPARTMENT SEARCH

COMPANY: SUPERIOR ABSTRACT

DATE : 07/31/2006

TITLE #: 7584AQ

COUNTY: QUEENS

PREMISES : 50-09 27 STREET

BLOCK: 113

LOT: 1

SJC REF: 308063

ACCOUNT #	3000516206001	DUE 07/28/06	\$ 0.00
ACCOUNT #	7000516207001	DUE 07/28/06	\$ 0.00

THE ABOVE ACCOUNT BALANCE(S) REFLECT THE TOTAL OWED TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

THE BELOW CHARGES ARE FOR ADJUSTMENT PURPOSES ONLY AND ARE ALREADY INCLUDED IN THE ABOVE ACCOUNT BALANCE. THEY ARE **NOT** OWED IN ADDITION TO THE ACCOUNT BALANCE.

ACCOUNT # 3000516206001

<u>METER</u>	<u>FROM</u>	<u>TO</u>	<u>WATER/SEWER</u>	<u>ENTERED</u>
3647	02/07/06	05/06/06	2,311.96	05/16/06 ACTUAL
1722	NO CONSUMPTION - FIRE METER			

ACCOUNT # 7000516207001

<u>METER</u>	<u>FROM</u>	<u>TO</u>	<u>WATER/SEWER</u>	<u>ENTERED</u>
9411	02/07/06	05/05/06	49.57	05/26/06 ACTUAL

(A SPECIAL READING SHOULD BE OBTAINED ON ALL ACCOUNTS.)

IMPORTANT NOTICE ABOUT SEARCH INFORMATION

S.J. CARROLL JR., INC. DOES HEREBY STATE THAT THE RECORDS OF THE ABOVE CITY AGENCY WAS EXAMINED AND THAT THE INFORMATION REPORTED ABOVE IS TRUE AND ACCURATE ABSTRACT OF THE INFORMATION CONTAINED THEREIN ON THE ABOVE NOTED DATE. THIS REPORT IS FOR INFORMATION PURPOSES ONLY. NO LIABILITY IS ASSUMED HEREUNDER.

Page 1 of 1

15

2

BORDEN

BORDEN AVE BRIDGE

AVE.

27TH

112

5TH ST 3RD ST. AVE.

ASHBURN ST.

SEE PAGE 14

ST.

113

49TH

HUNTERS POINT AVE.

AVE.

Q 1-2

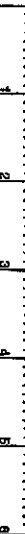
SEE PAGE 16

15

SEE SEC. 2

SEE SEC. 2

SCALE IN VARIO OF AN INCH



1-800-345-7334

DUTCH KILLS BASIN

C-1229

105.53

100

11.42

80

11.43

12.24

80

20.15

80

17.45

80

367.10

367.08

367.08

319.32

48.22

100

THIS INSTRUMENT, made the 16th day of MAY 1935,
between THE CITY OF NEW YORK, a municipal corporation,
having its principal office at the City Hall, Borough of
Manhattan, City of New York, party of the first part, and
WALTER E. DRYING, residing at 389 West Avenue, Farion Con-
necticut, party of the second part,

WHEREAS, the Board of Estimate determined that the
property hereinafter bounded and described was not needed for
any public use, and by resolution adopted on February 10, 1935
(Calendar 97A), authorized the Mayor or Deputy Mayor and the
City Clerk to execute a deed releasing to the party of the
second part the interest of the City in and to said bounded
and described property, being a portion of 50th Avenue from
27th Street to Dutch Kills Basin, in the Borough of Queens,
for the consideration hereinafter mentioned and upon the stip-
ulations, terms, and conditions in said resolution specifically
set forth;

NOW, THEREFORE, THIS INSTRUMENT WITNESSETH:

That in pursuance of the aforesaid resolution of the Board of
Estimate, the said party of the first part, in consideration
of the sum of Eighteen thousand Dollars (\$18,000.00), lawful
money of the United States, to it paid by the party of the
second part, doth remise, release and quitclaim unto the said
party of the second part, his heirs and assigns forever, all
the right, title and interest of the City of New York, in and
to the following described property:

ALL those certain lots, pieces or parcels of land
situate, lying and being in the Borough of Queens,
County of Queens, City and State of New York, bounded
and described as follows:

PARCEL 1

50TH AVENUE from 27th Street to the Mean High Water
Line of Dutch Kills, as indicated on Map of the Depart-
ment of Docks, dated May 27th, 1931.

BEGINNING at a point formed by the intersection of the
easterly line of 27th (Creek) Street with the northerly
line of 50th (4th St.) Avenue, as laid down on Section
314 of the Final Map of the Borough of Queens approved
by the Board of Estimate and Apportionment October 1,
1915;

IND 6772 MA 638

Running thence easterly along the northerly line of 50th Avenue for 340.25 feet more or less to the Mean High Water Line of Dutch Kills, as indicated on Map of the Department of Docks, dated May 27, 1941;

Thence southwesterly along the Mean High Water Line of Dutch Kills, forming an interior angle of 60 degrees 45 minutes 00 seconds with the last mentioned course, for 20 feet more or less to the southerly line of 50th Avenue;

Thence westerly along the southerly line of 50th Avenue, forming an interior angle of 119 degrees 15 minutes 00 seconds with the last mentioned course, for 306.65 feet more or less to the easterly line of 27th Street;

Thence northerly along the westerly line of 27th Street for 60.00 feet to the northerly line of 50th Avenue, the point or place of beginning.

PARCEL 2.

50TH AVENUE from the Mean High Water Line of Dutch Kills, as indicated on Map of the Department of Docks, dated May 27, 1941 to Dutch Kills Basin.

BEGINNING at a point formed by the intersection of the northerly line of 50th (4th St.) Avenue with the westerly United States Pierhead and Bulkhead Line of Dutch Kills Basin, as laid down on Section 314 of Final Map of the Borough of Queens approved by the Board of Estimate and Apportionment October 1, 1915;

Running thence southwesterly along the United States Pierhead and Bulkhead line of Dutch Kills Basin for 65.64 feet to the southerly line of 50th Avenue;

Thence westerly along the southerly line of 50th Avenue, forming an interior angle of 113 degrees 55 minutes 00 seconds with the last mentioned course for 12 feet more or less to the Mean High Water Line of Dutch Kills, as indicated on Map of the Department of Docks, dated May 27, 1941;

Thence northeasterly along the Mean High Water Line of Dutch Kills, forming an interior angle of 60 degrees 45 minutes 00 seconds with the last mentioned course, for 70 feet more or less to the northerly line of 50th Avenue;

Thence easterly along the northerly line of 50th Avenue for 5 feet more or less to the westerly United States Pierhead and Bulkhead Line of Dutch Kills Basin, the point or place of beginning.

5772 22639

TO HAVE AND TO HOLD the above described premises into the said party of the second part, his heirs and assigns forever, upon the following terms and conditions:

FIRST: That the party of the second part is the owner of the lands fronting on the section of the road, street or avenue hereby conveyed, and should it at any time appear that the party of the second part was not on the date of this deed the owner of the lands abutting the section of the road, street or avenue hereby conveyed, then this release shall become null and void.

SECOND: That the party of the second part, by the acceptance of this deed for himself, his heirs and assigns, hereby further covenants and agrees to waive and does hereby waive any and all claims for damages arising out of the closing of said road, street or avenue above referred to.

THIRD: That the party of the second part, by the acceptance of this deed for himself, his heirs and assigns, hereby assumes to pay and will pay all taxes, assessments, water charges and sewer rents which become liens against the property hereby conveyed from the date of the adoption of the resolution authorizing this conveyance.

FOURTH: This release is made and accepted subject to all the terms, conditions and provisions contained in the agreement dated October 15, 1954, between Walter E. Irving as party of the first part, and The City of New York as party of the second part, which agreement was accepted by the Board of Estimate by a resolution adopted on February 10, 1954 (Cal. No. 97A).

640

IN WITNESS WHEREOF, the said THE CITY OF NEW YORK,
party of the first part, has caused these presents to be sub-
scribed by its Deputy Mayor and by its City Clerk, and its
Deputy Mayor to be hereunto affixed the day and year first
above written.

THE CITY OF NEW YORK



Blaylock
DEPUTY MAYOR
Henry A. ...
CITY CLERK

ATTEST: 12-10-1908

James J. ...
CITY CLERK
12-10-1908

City of New York
County of New York
In the City of New York

100-8772-841

On this 1st day of January, 1964, before me personally came MURRAY W. STAND, who is personally acquainted and known to me to be the City Clerk of the City of New York, who, being by me duly sworn and depose and say: that he resides at 100 East End Street, Zone 10, Manhattan, City of New York; that he is the City Clerk of the City of New York, the Corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed as provided by law; and that he signed his name thereto as City Clerk by like authority; and further, that he knows and is acquainted with JOHN SPOTKIN, and knows him to be the person described in and who, as Deputy Mayor of the City of New York, executed the said instrument by virtue of an authorization of the Mayor of the City of New York, dated January 3, 1964, and filed in the office of the City Clerk of the City of New York on January 8, 1964, and which has not been revoked; that he saw him subscribe, execute and deliver the same, and that he acknowledged to him, the said MURRAY W. STAND, that he executed and delivered the same, and he, the said MURRAY W. STAND, thereupon subscribed his name thereto.

David W. Blaford

DAVID W. BLAFORD
Notary Public in and for the State of New York
My Comm. Expires 12/31/65
My Office is at 100 East End Street, Zone 10, Manhattan, City of New York

張長庚

670-2355

5

MEGA

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150

EXTRA BLOCK EXTRA BLOCK

SECTION 1

852K3 298-1 694

10

49c ME 1983.2

ALCANTARA

507

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

6772-229

RESTRICTIVE DECLARATION

DECLARATION, made this 7th day of MAY, 1999 at 50-09- 27th STREET

WHEREAS, Declarant is the fee owner of certain real property ("the premises") in the City of New York, Borough of QUEENS, designated as Block 113, Lot 1 on the Tax Map of the City of New York, and more particularly described in Exhibit A metes and bounds annexed hereto;

WHEREAS, the premises is located in an M3-2 zoning district and is within 200 feet of an arterial highway or a public park of one-half acre or more;

WHEREAS, Section 42 - 53 of the Zoning Resolution of the City of New York prohibits the erection of an advertising sign, as defined by Section 12-10 of the Zoning Resolution of the City of New York, in an M3-2 zoning district within 200 feet of an arterial highway or a public park of one-half acre or more if such advertising sign is within view of such arterial highway or public park;

WHEREAS, Declarant proposes to erect a sign on the premises which directs attention to PATENT CONSTRUCTION SYSTEMS business conducted on the premises, and which is not an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York;

WHEREAS, the Department of buildings ("the Department") has advised Declarant that in order to insure compliance with Section 42 - 53 of the Zoning Resolution of the City of New York, one of the conditions for obtaining a permit for the erection of such sign is that Declarant must execute a declaration setting forth certain conditions under which the sign must be removed or a new permit obtained from the Department;

NOW, THEREFORE, Declarant does hereby declare the following:

1. If at any time the principal use of the premises is changed or an occupant of the premises ceases to occupy the premises such that the existing sign would be classified as an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York, the sign must be removed and an application to alter the sign must be filed with the Department of Buildings at such time as a new sign is to be erected.
2. This declaration may not be modified, amended or terminated without the prior written consent of the Department.
3. The covenants set forth herein shall run with the land and be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.
4. The failure to comply with the terms of this declaration may result in the denial or revocation of a permit or certificate of occupancy.
5. This declaration shall be recorded at the county clerk or city register's office and filed with the Department prior to the issuance of any permits or certificates of electrical inspection by the Department. Reference to the type of declaration, together with the reel, page and liber number and place of filing, shall be noted on the permit issued for the sign.

IN WITNESS WHEREOF, Grantor has made and executed the foregoing Restrictive Declaration as of the date hereinabove written.

By

VP PATENT CONSTRUCTION SYSTEMS

REEL 5280 PG 2489

STATE OF NEW YORK)
) ss:
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual (s) described in and who executed the within instrument, and (he) (she) (they)
~~themselves acknowledged that (he) (she) (they) executed the same~~

Notary Public

STATE OF NEW YORK)
) ss:
COUNTY OF Bergen)

On this 7th day of May, 19 99, before me personally came MICHAEL AMES
to me known, who being by me duly sworn, did depose and say that resides at 50-09 27th STREET, that he is the
(Vice) President of PATENT CONSTRUCTION SYSTEMS, the corporation described in and which executed the
foregoing instrument: and that he signed his name thereto by authority of the Board of Directors of such corporation.

Phyllis Betancourt
Notary Public

PHYLLIS BETANCOURT
Notary Public of New Jersey
My Commission Expires 08-01-2003

STATE OF NEW YORK)
) ss:
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual who executed the foregoing instrument, who being by me duly sworn, did depose
and say that (s) he is one of the (general) partners of _____ a (limited) partnership; that (s) he
executed the foregoing instrument in the name of such partnership; and that (s) he had the authority to so execute the same as the act
and deed of said partnership for the uses and purposes therein mentioned.

Notary Public

EXHIBIT A - Metes and bounds are

THIS PROPERTY LIES ON THE NORTHWEST CORNER OF 27th STREET AND
QUEENS MIDTOWN EXPRESSWAY.
STARTING ON THE CORNER THE PROPERTY RUNS 319.52' NORTH, RUNS
367.1' EAST, RUNS 377.29 SOUTH SOUTHWEST, RUNS 55.75' WEST,
RUNS 14.93' NORTH, RUNS 4.1' WEST, RUNS 52.12' SOUTH, RUNS 17.44'
WEST, RUNS 36.71' SOUTH TO QUEENS MIDTOWN EXPRESSWAY, AND RUNS
147.59' WEST NORTHWEST ON QUEENS MIDTOWN EXPRESSWAY.

**CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- QUEENS COUNTY -**

(This page forms part of the instrument)

REEL 5280 PG 2490

Block(s): 113
Lot(s): 1
50-09 27 ST

Title/Agent Company Name:
Title Company Number:

NAME **LOUIS STRIAR INC**
ADDRESS **1118-21 QUEENS BOVD #808**
FOREST HILLS, NY 11375-7201
(718) 281-5673 • FAX (718) 520-8057
CITY **NY** STATE **NY** ZIP **11375**

OFFICE USE ONLY DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (s): _____

Mtge Tax Serial No. _____
Mtge Amount \$ _____
Taxable Amount \$ _____

Exemption (✓) YES ☐ NO ☐

Type: [owner] [les] [other] _____

Dwelling Type: [1 to 2] [3] [4 to 6] [over 6] _____

TAX RECEIVED ON ABOVE MORTGAGE

County (basic) \$ _____
City (Addtl) \$ _____
Spec Addtl \$ _____
TASF \$ _____
MTA \$ _____
NYCTA \$ _____
TOTAL TAX \$ _____

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Robrow, City Register

City Register Serial Number **061755**

Indorsed By (s): [Signature] Verified By (s): [Signature]

Block(s) and Lot(s) verified by (✓): [Signature]

Address ☒ Tax Map ☐

Extra Block(s) _____ Lot(s) _____

Recording Fee \$32

Attidark Fee (C) \$ _____
TP-284/582 Fee (Y) \$ _____
RPTT Fee (F) \$ _____

HPD-A ☐ HPD-C ☐

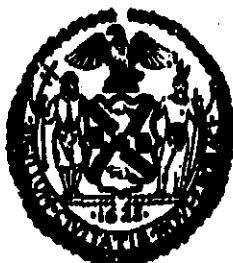
New York State Real Estate Transfer Tax **✓**
\$ _____

Serial Number **061755**

New York City Real Property Transfer Tax
Serial Number **061755**

New York State
Gain Tax
Serial Number **061755**

OTHER CONVEY **061755**
LO/TA CSHR RECD DATE 1 66730 7 11 24 2017



**RECORDED IN QUEENS COUNTY
OFFICE OF THE CITY REGISTER**

1999 JUN 18 A 11:58

Witness My Hand and Official Seal

Joy A. Robrow
City Register

RESTRICTIVE DECLARATION

DECLARATION, made this 17th day of MAY, 1999 at 50-09 27th STREET

WHEREAS, Declarant is the fee owner of certain real property ("the premises") in the City of New York, Borough of QUEENS, designated as Block 113, Lot 1 on the Tax Map of the City of New York, and more particularly described in Exhibit A metes and bounds annexed hereto;

WHEREAS, the premises is located in an M3-2 zoning district and is within 200 feet of an arterial highway or a public park of one-half acre or more;

WHEREAS, Section 42 - 53 of the Zoning Resolution of the City of New York prohibits the erection of an advertising sign, as defined by Section 12-10 of the Zoning Resolution of the City of New York, in an M3-2 zoning district within 200 feet of an arterial highway or a public park of one-half acre or more if such advertising sign is within view of such arterial highway or public park;

WHEREAS, Declarant proposes to erect a sign on the premises which directs attention to PATENT CONSTRUCTION SYSTEMS, a business conducted on the premises, and which is not an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York;

WHEREAS, the Department of buildings ("the Department") has advised Declarant that in order to insure compliance with Section 42 - 53 of the Zoning Resolution of the City of New York, one of the conditions for obtaining a permit for the erection of such sign is that Declarant must execute a declaration setting forth certain conditions under which the sign must be removed or a new permit obtained from the Department;

NOW, THEREFORE, Declarant does hereby declare the following:

1. If at any time the principal use of the premises is changed or an occupant of the premises ceases to occupy the premises such that the existing sign would be classified as an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York, the sign must be removed and an application to alter the sign must be filed with the Department of Buildings at such time as a new sign is to be erected.
2. This declaration may not be modified, amended or terminated without the prior written consent of the Department.
3. The covenants set forth herein shall run with the land and be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.
4. The failure to comply with the terms of this declaration may result in the denial or revocation of a permit or certificate of occupancy.
5. This declaration shall be recorded at the county clerk or city register's office and filed with the Department prior to the issuance of any permits or certificates of electrical inspection by the Department. Reference to the type of declaration, together with the reel, page and liber number and place of filing, shall be noted on the permit issued for the sign.

IN WITNESS WHEREOF, Grantor has made and executed the foregoing Restrictive Declaration as of the date hereinabove written.

By [Signature]
VP/PATENT CONSTRUCTION SYSTEMS

REEL 5280 PG 2492

TORN OR MUTILATED
WHEN RECEIVED

STATE OF NEW YORK)
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual (s) described in and who executed the within instrument, and (he) (she) (they)
thereupon acknowledged that (he) (she) (they) executed the same.

Notary Public

STATE OF NEW YORK)
COUNTY OF Bergen)

On this 7th day of May, 19 99, before me personally came MICHAEL AMOS
to me known, who being by me duly sworn, did depose and say that resides at 50-09 27th STREET, that he is the
(Vice) President of PATENT CONSTRUCTION SYSTEMS, the corporation described in and which executed the
foregoing instrument: and that he signed his name thereto by authority of the Board of Directors of such corporation.

Phyllis Detamore
Notary Public
PHYLIS DETAMORE
Notary Public
My Commission Expires 12/31/00

STATE OF NEW YORK)
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual who executed the foregoing instrument, who being by me duly sworn, did depose
and say that (s) he is one of the (general) partners of _____ a (limited) partnership; that (s) he
executed the foregoing instrument in the name of such partnership; and that (s) he had the authority to so execute the same as the act
and deed of said partnership for the uses and purposes therein mentioned.

Notary Public

EXHIBIT A - Metes and bounds are

THIS PROPERTY LIES ON THE NORTHWEST CORNER OF 27th STREET AND
QUEENS MIDTOWN EXPRESSWAY.
STARTING ON THE CORNER THE PROPERTY RUNS 319.52' NORTH, RUNS
367.1' EAST, RUNS 377.29 SOUTH SOUTHWEST, RUNS 55.75' WEST,
RUNS 14.93' NORTH, RUNS 4.1' WEST, RUNS 52.12' SOUTH, RUNS
17.44' WEST, RUNS 36.71' SOUTH TO QUEENS MIDTOWN EXPRESSWAY,
AND RUNS 147.59' WEST NORTHWEST ON QUEENS MIDTOWN EXPRESSWAY.

**CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- QUEENS COUNTY -**

(This page forms part of the instrument)

REEL 5280 PG 2493

Block(s): 113
 Lot(s): 1
50-01 27 ST

Title/Agent Company Name:
 Title Company Number:

NAME **LOUIS STRIAR INC**
 ADDRESS **115-21 QUEENS BLVD #808**
FOREST HILLS, NY 11576-7201
(718) 281-5873 • FAX (718) 520-9057
 CITY STATE ZIP

RETURN TO:

OFFICE USE ONLY DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓): A

Mtge Tax Serial No.
 Mtge Amount \$
 Taxable Amount \$

Exemption (✓) YES ☐ NO ☐

Type: [30000] [255] [OTHER]

Dwelling Type: [1 to 2] [3] [4 to 6] [over 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic) \$
 City (Addtl) \$
 Spec Addtl \$
 TABF \$
 MTA \$
 NYCTA \$
TOTAL TAX \$

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Subron, City Register

City Register Serial Number **061756**

Indexed By (✓): Verified By (✓):

Block(s) and Lot(s) verified by (✓)

Address ☒ Tax Map ☐

Extra Block(s) Lot(s)

Recording Fee \$ 32
 Affidavit Fee (C) \$
 TP-564/562 Fee (Y) \$
 RPTT Fee (R) \$

HPD-A ☐ HPD-C ☐

New York State Real Estate Transfer Tax
 \$

Serial Number

New York City Real Property Transfer Tax
 Serial Number

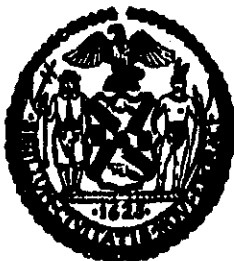
New York State Gains Tax
 Serial Number

OTHER CONVEY
 CO/JL PS/R REPT DATE
 4-3 06730 Jun 15-89 107

**RECORDED IN QUEENS COUNTY
OFFICE OF THE CITY REGISTER**

1999 JUN 18 A 11:58

Witness My Hand and Official Seal



Joy A. Subron

City Register

CHOP AND SIGN 11/98

06-01-00

25x11

New York State Municipal Department Searches

Title Number **7584AQ**

Page **1**

All searches and their results are provided at the request of the mortgagee/purchaser or their respective counsels. The Company does not in any event, insure that the buildings or other improvements situate on the premises or their uses either actual or intended, comply with Federal, State or Municipal laws, regulations or ordinances and therefore assumes no liability whatsoever by reason of the ordering of such searches and does not insure their accuracy. The following results are hereby provided for informational purposes only.

CERTIFICATE OF OCCUPANCY

None requested, none provided

HOUSING AND BUILDING

None requested, none provided

FIRE DEPARTMENT SEARCH

None requested, none provided

EMERGENCY REPAIR SEARCH

None requested, none provided

STREET REPORT

None requested, none provided



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**50-09 27th Street
50-09 27th Street
Long Island City, NY 11101**

Inquiry Number: 1700370.2s

June 20, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	1	NR	NR	1
CORRACTS		1.000	0	0	1	3	NR	4
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRA Sm. Quan. Gen.	X	0.250	8	15	NR	NR	NR	23
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
HSWDS		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	3	NR	3
DEL SHWS		1.000	0	0	1	1	NR	2
State Landfill		0.500	0	0	11	NR	NR	11
SWRCY		0.500	0	0	1	NR	NR	1
SWTIRE		0.500	0	0	0	NR	NR	0
LTANKS		0.500	2	7	19	NR	NR	28
HIST LTANKS		0.500	1	3	14	NR	NR	18
UST	X	0.250	6	6	NR	NR	NR	12
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	2	NR	NR	2
AST		0.250	1	9	NR	NR	NR	10
CBS AST		0.250	0	1	NR	NR	NR	1
MOSF AST		0.500	0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MANIFEST	X	0.250	6	16	NR	NR	NR	22
NY Spills		0.125	8	NR	NR	NR	NR	8
NY Hist Spills		0.125	6	NR	NR	NR	NR	6
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1
Target
Property

IKG INDUSTRIES
50-09 27TH STREET
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY MANIFEST

EDR ID Number
EPA ID Number

1000119430
NYD980772487

Actual:
4 ft.

Site 1 of 3 in cluster A

RCRAInfo:

Owner: HARSCO CORP
(212) 555-1212

EPA ID: NYD980772487

Contact: JOSEPH COLUMBO
(718) 729-8810

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/13/1994
Actual Date Achieved Compliance:	09/15/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/13/1994
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940915

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID:	NJA1359588
Manifest Status:	C
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	930415
Trans1 Recv Date:	930415
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930419
Part A Recv Date:	930504

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IKG INDUSTRIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000119430

Part B Recv Date: 930430
Generator EPA ID: NYD980772487
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00769
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD980772487
Facility Name: I K G INDUSTRIES
Facility Address: 5009 27TH STREET
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: I K G INDUSTRIES
Mailing Contact: WILLIAM BOSSOY
Mailing Address: 5009 27TH STREET
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 212-729-8810

[Click this hyperlink](#) while viewing on your computer to access
44 additional NY MANIFEST: record(s) in the EDR Site Report.

A2 **IKG INDUSTRIES-50-09 27TH STREET**
Target **50-09 27TH STREET**
Property **QUEENS, NY 11101**

FINDS **1007815200**
110019777491

Actual: **Site 2 of 3 in cluster A**
4 ft. **FINDS:**

Other Pertinent Environmental Activity Identified at Site:
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation
(DEC) information system for tracking environmental facility information found across the State.

A3 **PATENT CONSTRUCTION SYSTEMS**
Target **50-09 27TH STREET**
Property **LONG ISLAND CITY, NY 11101**

UST **U001838842**
N/A

Actual: **Site 3 of 3 in cluster A**
4 ft.

PBS UST:
PBS Number: 2-005347 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: PATENT CONSTRUCTION SYSTEMS
(718) 361-1866
Emergency Contact: KATHY RENNA

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PATENT CONSTRUCTION SYSTEMS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001838842

Total Tanks: 0
Owner: HARSCO CORPORATION
CAMP HILL
CAMP HILL, PA 17011
(717) 763-7064
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: HARSCO CORPORATION
CAMP HILL
CAMP HILL, PA 17011
(717) 763-7064
Tank Status: Closed - In Place
Capacity (gals): 3000
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: 1
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Product Level Gauge
Date Tested: 05/01/1994
Date Closed: 02/01/1998
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Install Date: 02/01/1998
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON
Dispenser: Suction
Next Test Date: Not reported
Test Method: HORNER
Updated: True
Owner Screen: No data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 06/03/1994
Expiration Date: 02/25/1998
Inspector: Not reported
PBS Number: 2-005347
SPDES Number: Not reported
Operator: PATENT CONSTRUCTION SYSTEMS
(718) 361-1866
Emergency Contact: KATHY RENNA
(718) 323-3491
Total Tanks: 0
Owner: HARSCO CORPORATION
CAMP HILL
CAMP HILL, PA 17011
(717) 763-7064
Owner Type: Corporate/Commercial
CBS Number: Not reported
SWIS ID: 6301

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PATENT CONSTRUCTION SYSTEMS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001838842

Owner Mark:	First Owner	
Owner Subtype:	Not reported	
Mailing Address:	HARSCO CORPORATION	
	CAMP HILL	
	CAMP HILL, PA 17011	
	(717) 763-7064	
Tank Status:	Closed - In Place	
Capacity (gals):	1500	
Tank Location:	UNDERGROUND	
Tank Id:	002	Install Date: 02/01/1998
Tank Type:	Steel/carbon steel	Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal: Not reported
Pipe Location:	1	Pipe Type: STEEL/IRON
Tank External:	Not reported	
Missing Data for Tank:	Minor Data Missing	
Pipe External:	Not reported	
Second Containment:	NONE	
Leak Detection:	NONE	
Overfill Prot:	Product Level Gauge	Dispenser: Suction
Date Tested:	05/01/1994	Next Test Date: Not reported
Date Closed:	02/01/1998	Test Method: HORNER
Deleted:	False	Updated: True
Dead Letter:	False	Owner Screen: No data missing
FAMT:	Fiscal amount for registration fee is correct	
Total Capacity:	0	Renewal Date: Not reported
Tank Screen:	0	Federal ID: Not reported
Renew Flag:	Renwal has not been printed	Facility Screen: No data missing
Certification Flag:	False	Certification Date: 06/03/1994
Old PBS Number:	Not reported	Expiration Date: 02/25/1998
Inspected Date:	Not reported	Inspector: Not reported
Inspection Result:	Not reported	
Lat/long:	Not reported	
Facility Type:	MANUFACTURING	
Town or City:	NEW YORK CITY	
Town or City Code:	01	
County Code:	63	
Region:	2	

B4
NW
< 1/8
176 ft.

50-12 27TH STREET
LONG ISLAND CITY, NY

NY Spills S104649114
NY Hist Spills N/A

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
8 ft.

SPILLS:

DER Facility ID :	111250	CID :	07
Site ID :	129008	Region of Spill:	2
Spill Number:	9902654	SWIS:	4101
Investigator:	TOMASELLO	Caller Agency:	PETER BUILT
Caller Name:	DIANE JOSEPH	Caller Extension:	Not reported
Caller Phone:	(718) 232-2171	Notifier Agency:	Not reported
Notifier Name:	CALLER	Notifier Extension:	Not reported
Notifier Phone:	Not reported	Reported to Dept:	06/08/99
Spill Date:	06/08/99		
Facility Address 2:	Not reported		
Facility Type:	ER		
Referred To :	Not reported	DEC Region :	2
Remediation Phase :	0		
Program Number :	9902654		

Date EDR Searched Historical Sources:

Aerial Photography June 20, 2006

Target Property:

50-09 27th Street

Long Island City, NY 11101

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/Flight Date: April 04, 1994	EDR



INQUIRY #: 1700370.5

YEAR: 1954

— = 750'





INQUIRY #: 1700370.5

YEAR: 1966

— = 750'





4-1-75

INQUIRY #: 1700370.5

YEAR: 1975

| = 750'





INQUIRY #: 1700370.5

YEAR: 1984

| = 750'





INQUIRY #: 1700370.5

YEAR: 1994

| = 833'





EDR® Environmental
Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Michael Yager

CA Rich Consultants, Inc.

17 Dupont Street

Plainview, NY 11803

Order Date: 6/20/2006 **Completion Date:** 6/20/2006

Inquiry #: 1700370.3S

P.O. #: NA

Site Name: 50-09 27th Street

Address: 50-09 27th Street

City/State: Long Island City, NY 11101

Cross Streets:

Customer Project: 06-PCS-1A

1019894MIL

516-576-8844

Based on client-supplied information, fire insurance maps for the following years were identified

1898 - 1 Map	1980 - 1 Map	1993 - 1 Map
1915 - 1 Map	1985 - 1 Map	1994 - 1 Map
1936 - 1 Map	1986 - 1 Map	1995 - 1 Map
1947 - 1 Map	1988 - 1 Map	1996 - 1 Map
1950 - 1 Map	1989 - 1 Map	
1970 - 1 Map	1990 - 1 Map	
1977 - 1 Map	1991 - 1 Map	
1979 - 1 Map	1992 - 1 Map	

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Total Maps: 20

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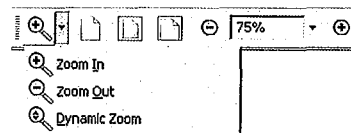
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Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - On the menu bar, click "View" and then "Zoom to..."
 - Or, use the magnifying tool and drag a box around the TP



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- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

- Go to the menu bar
- Click the "Select Tool"
- Draw a box around the area selected
- "Right click" on your mouse
- Select "Copy Image to Clipboard"
- Go to Word Processor such as Microsoft Word, paste and print.



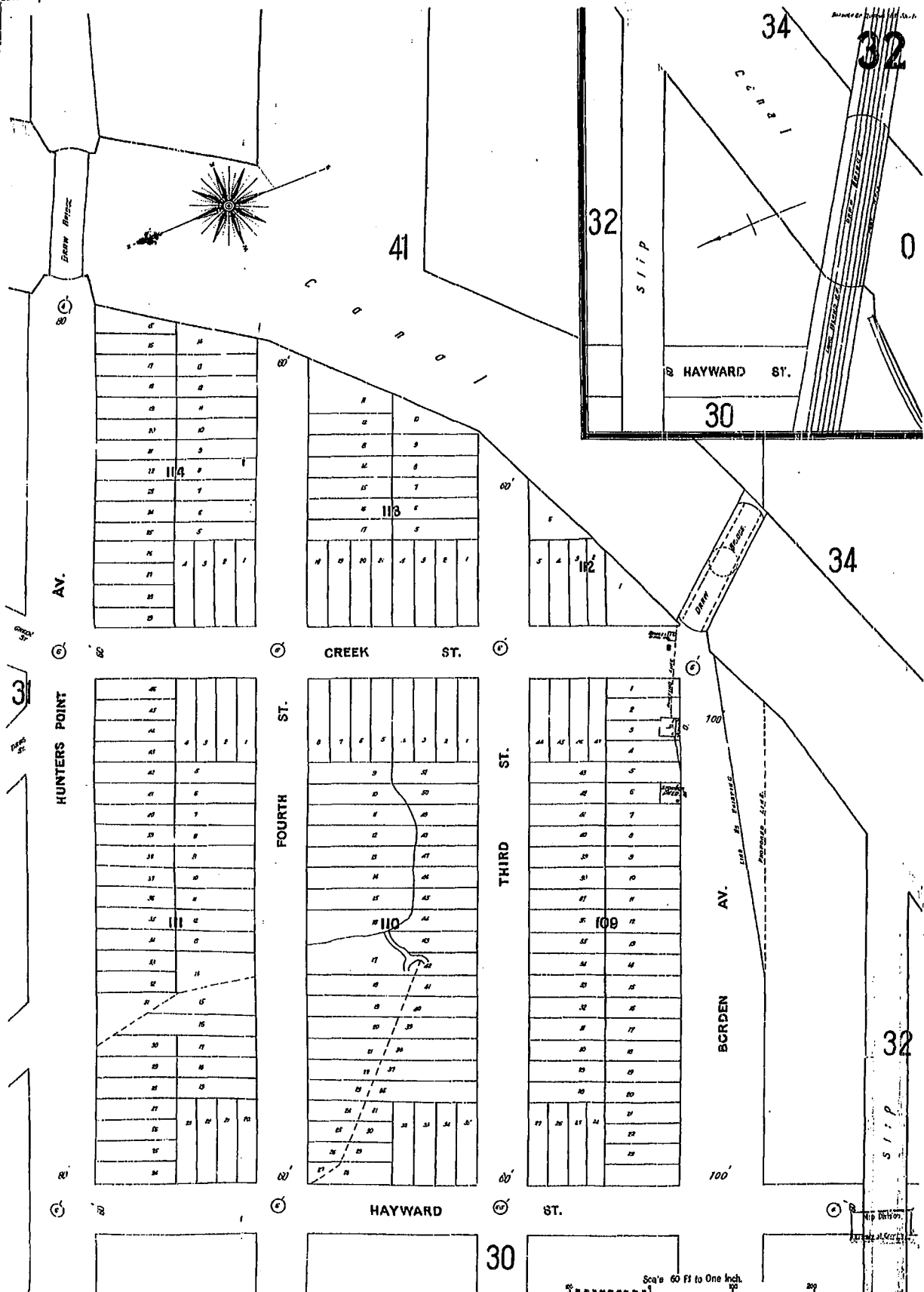
Acrobat Version 5

- Go to the menu bar
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
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- Go to Word Processor such as Microsoft Word, paste and print.



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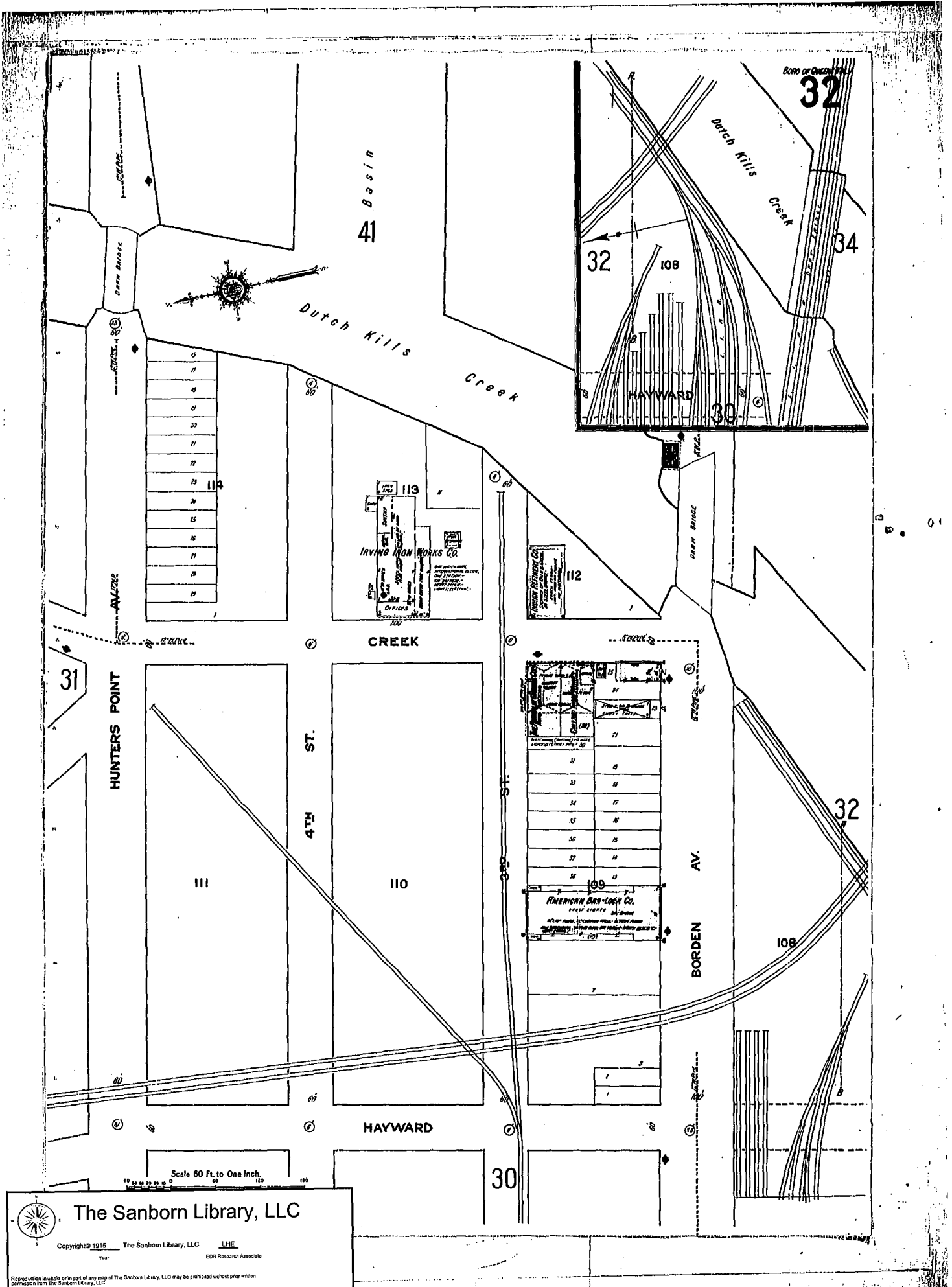
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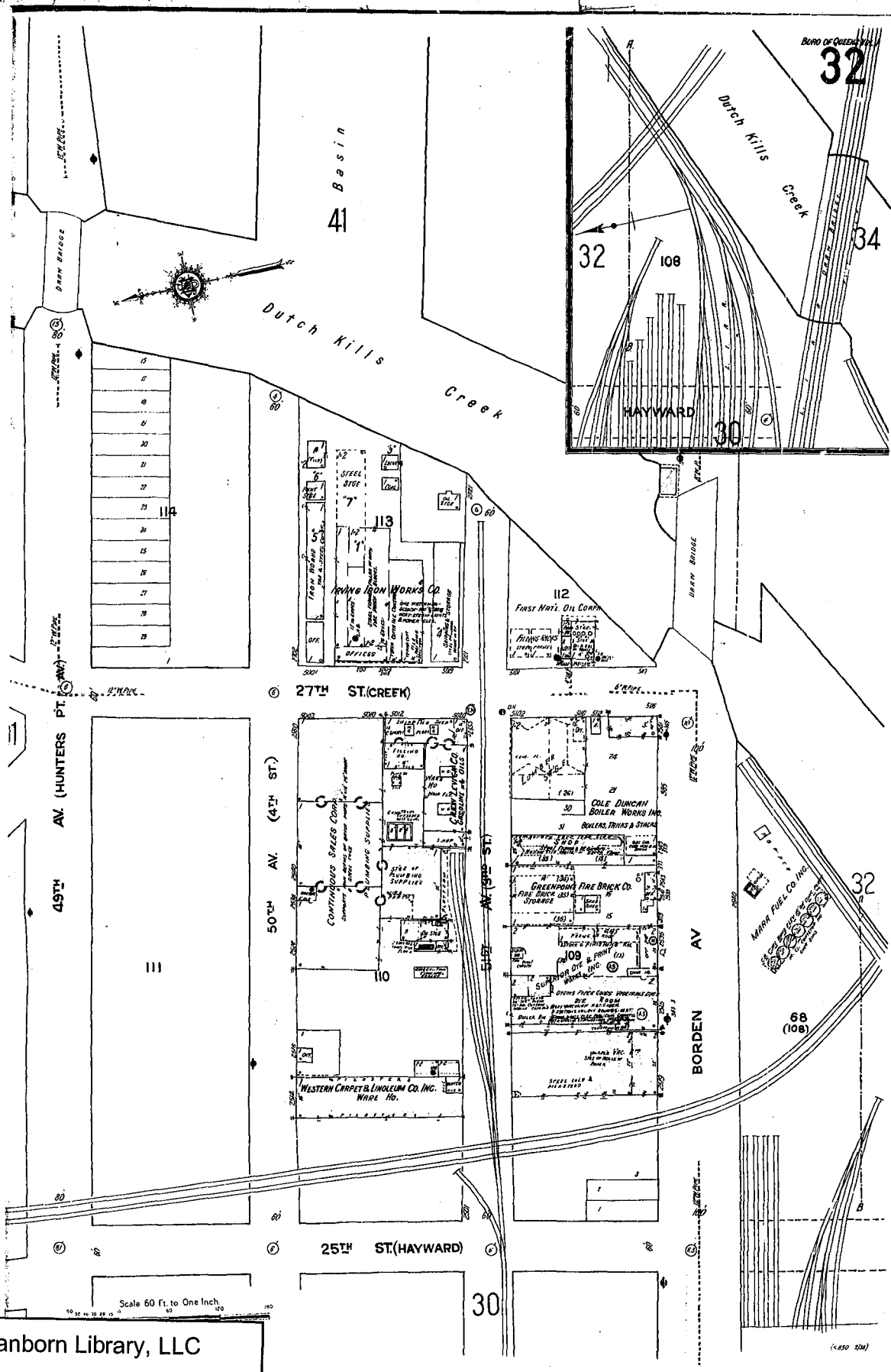
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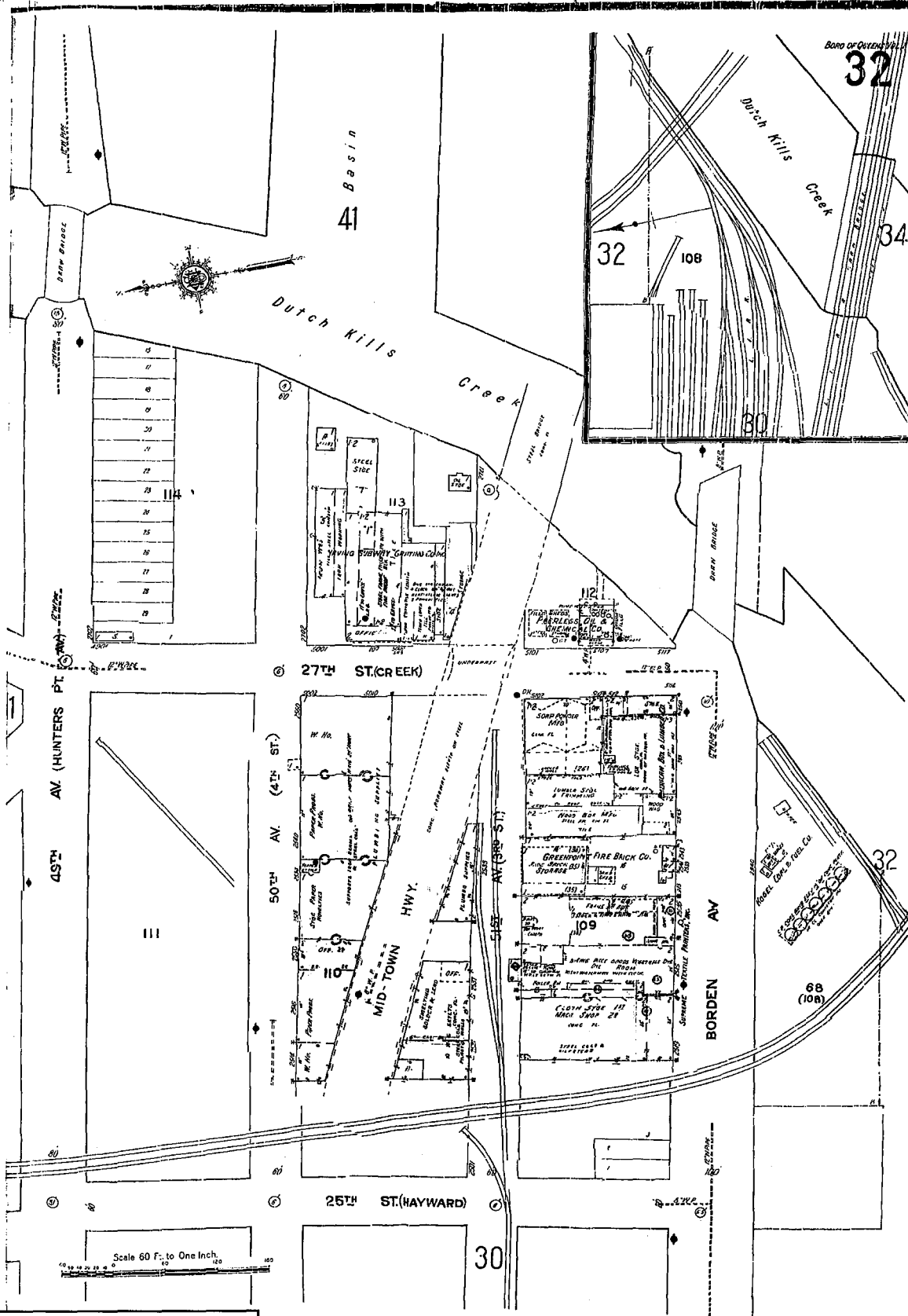
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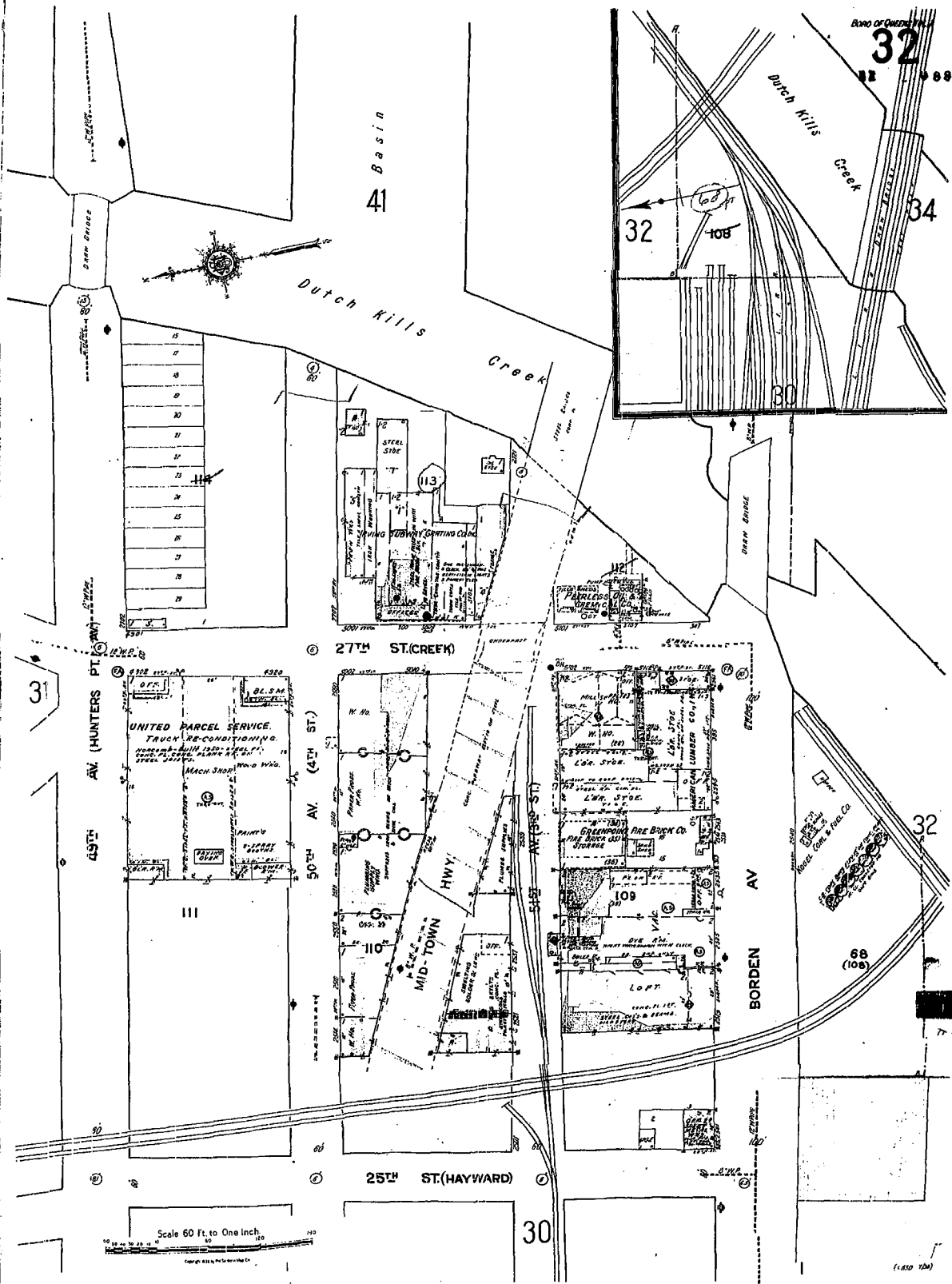
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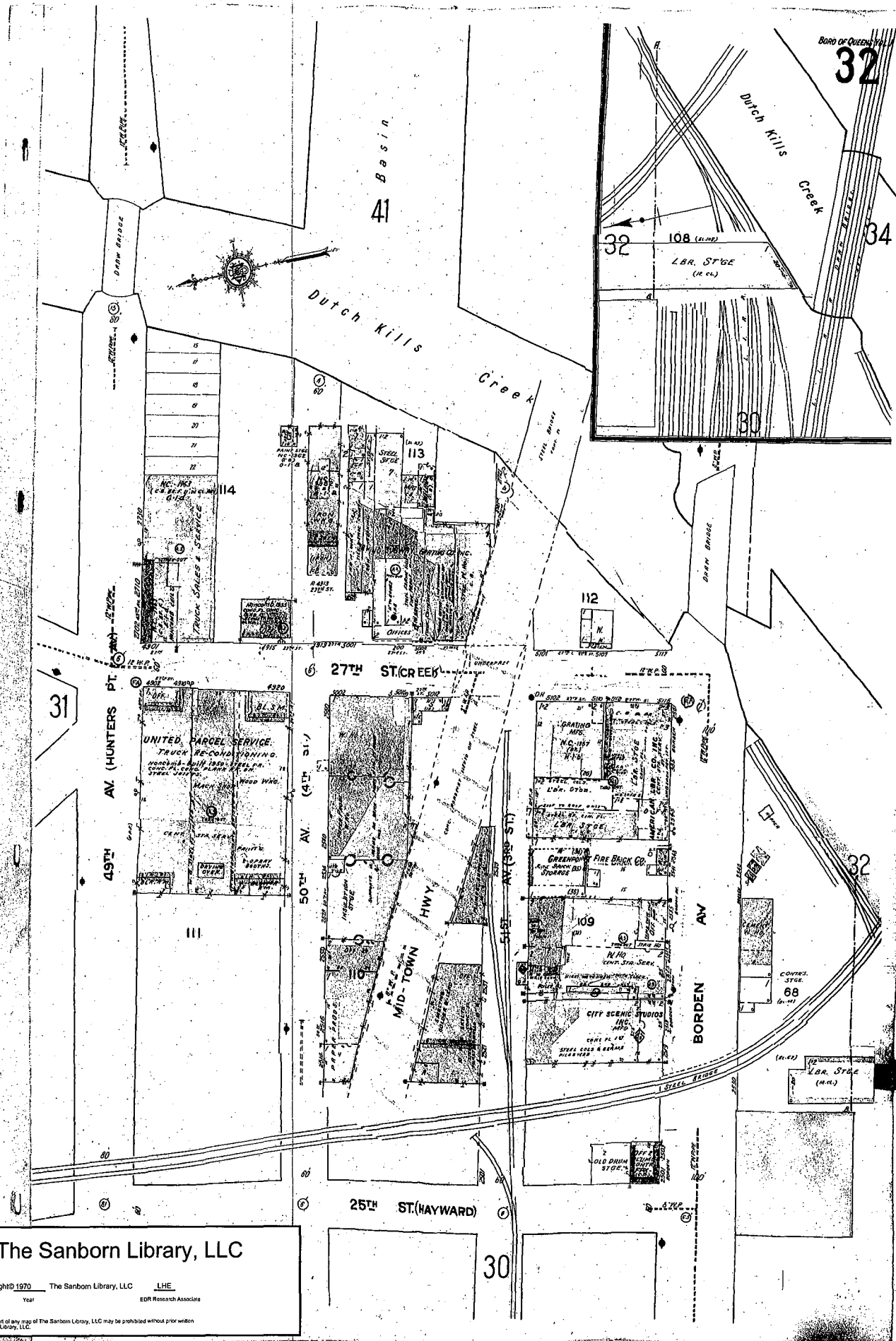


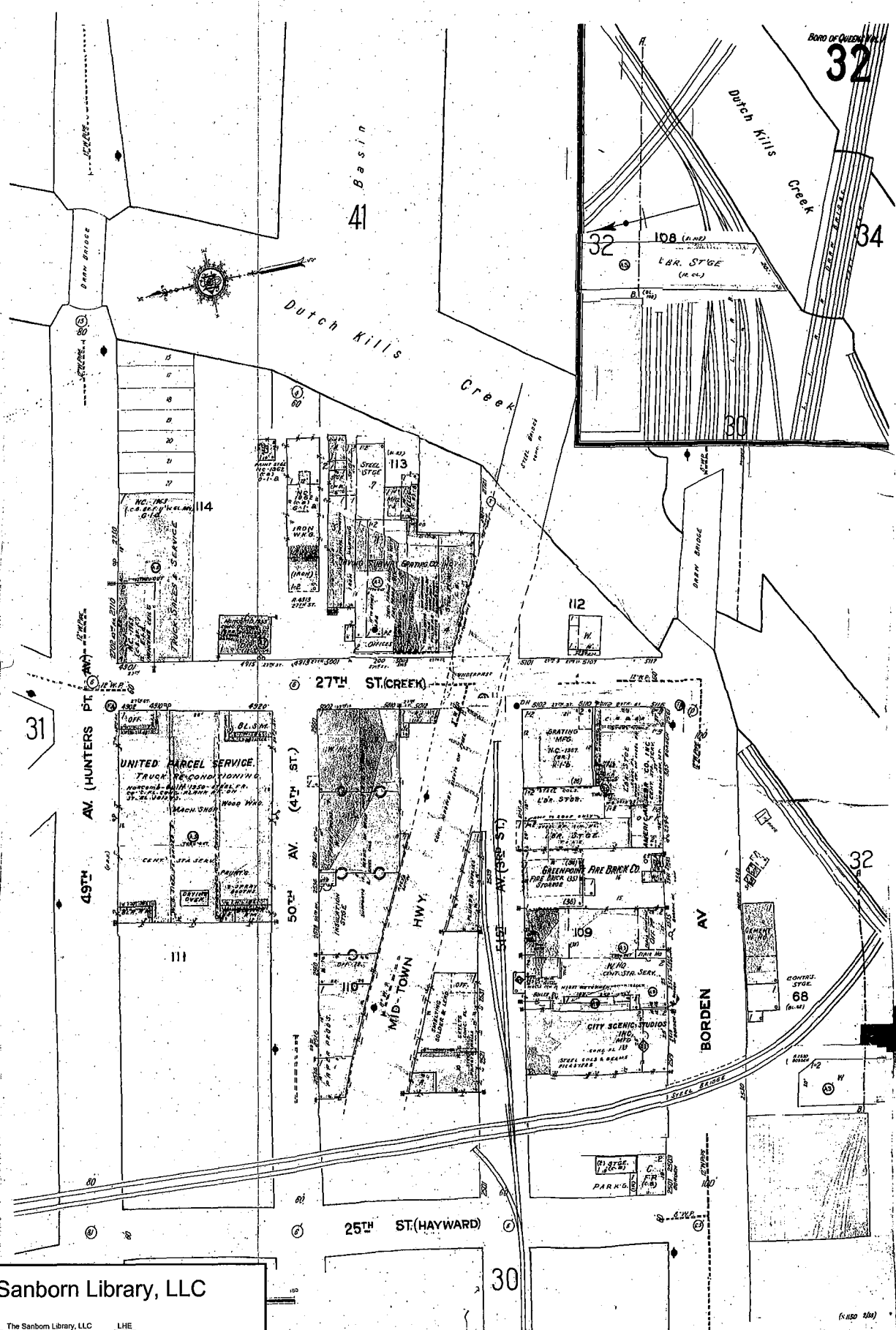
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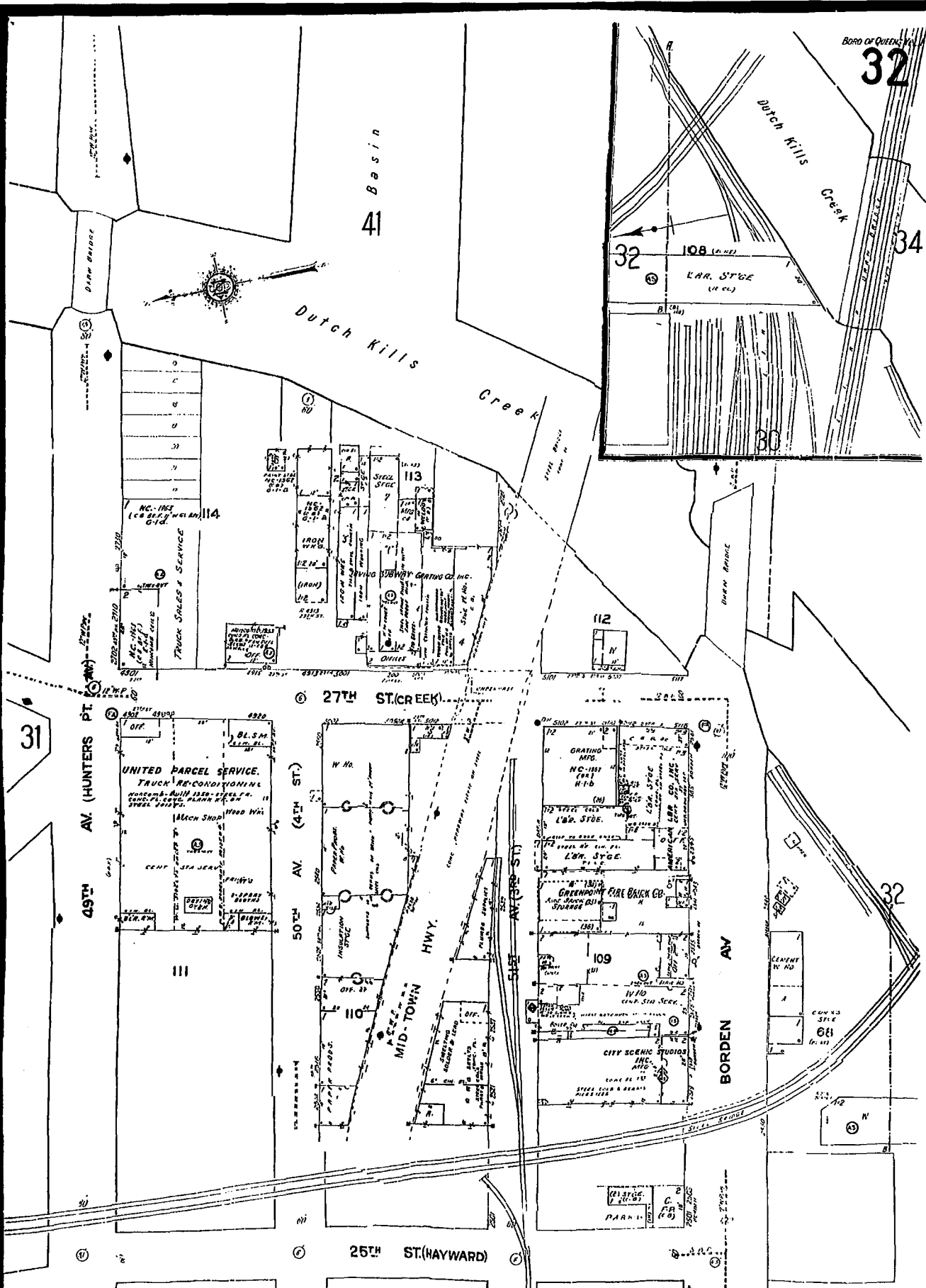
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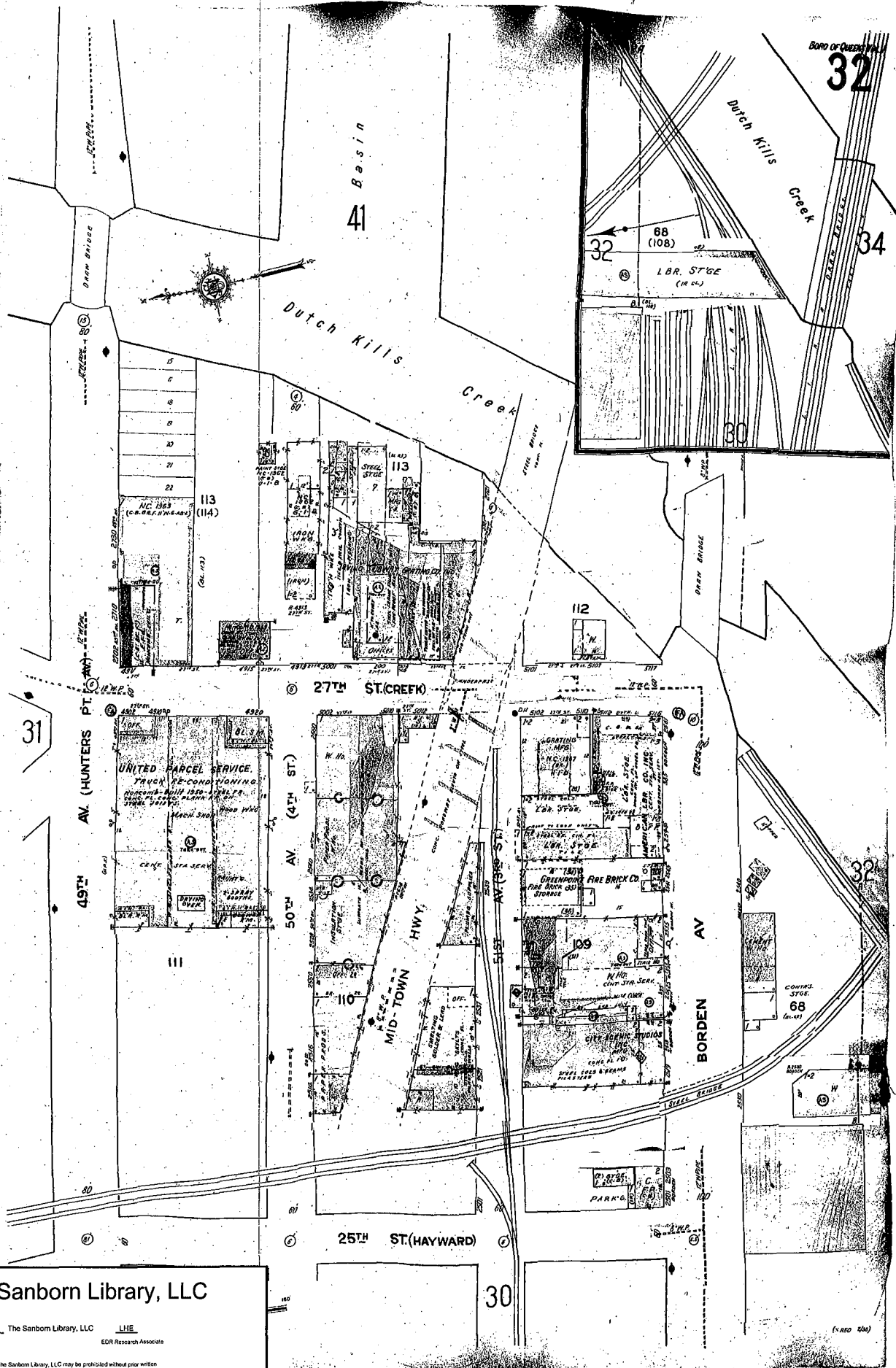





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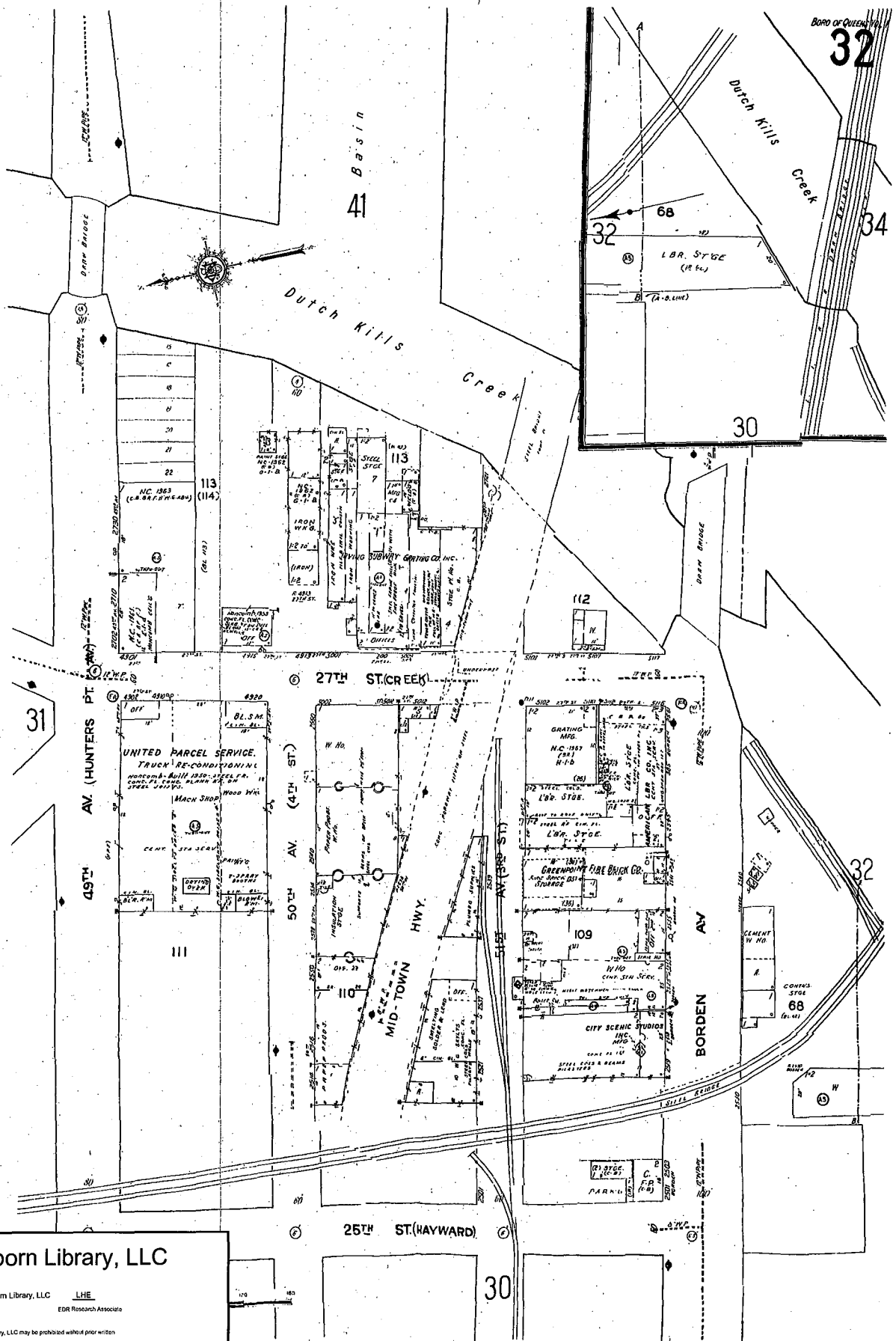
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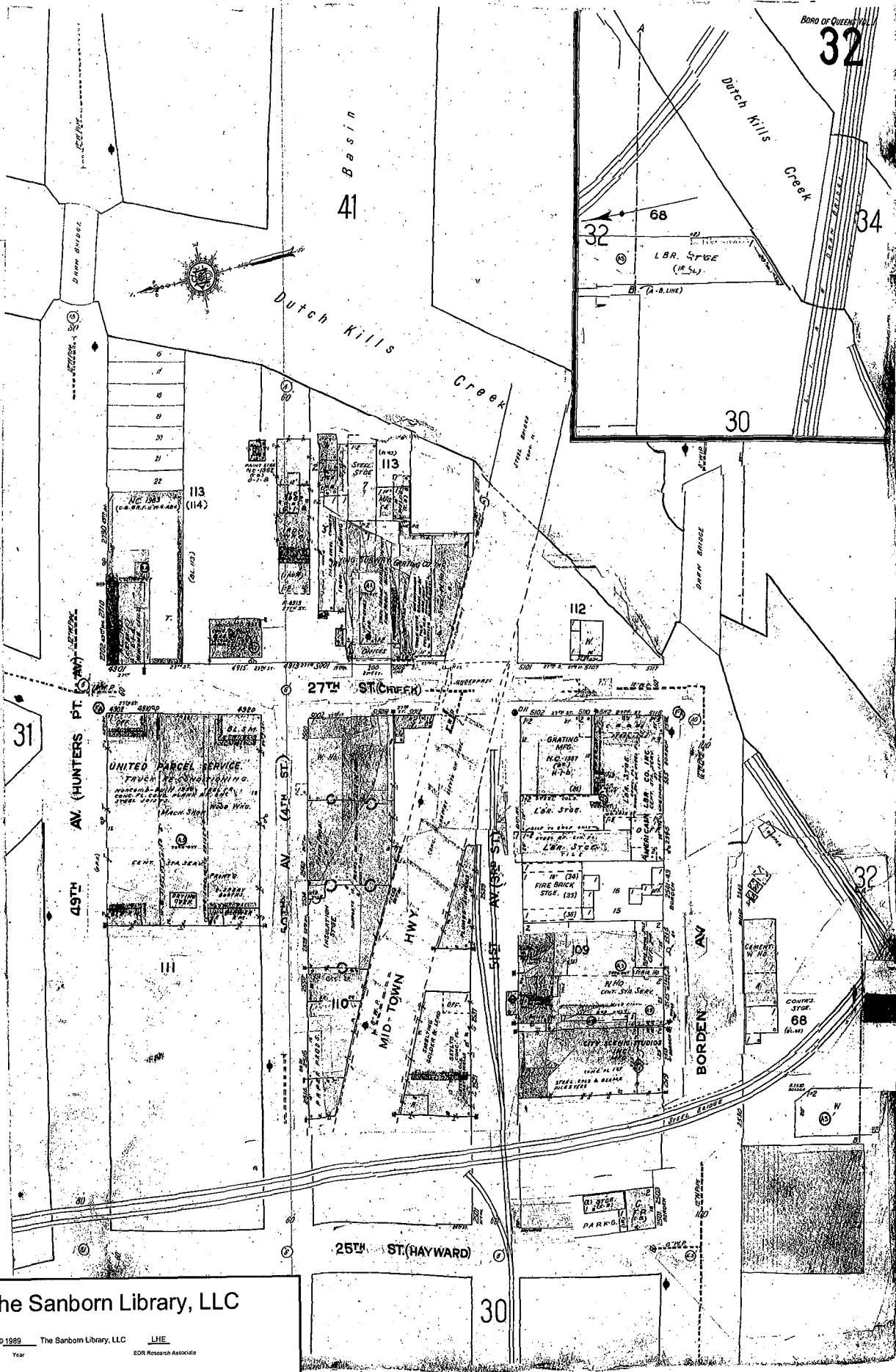
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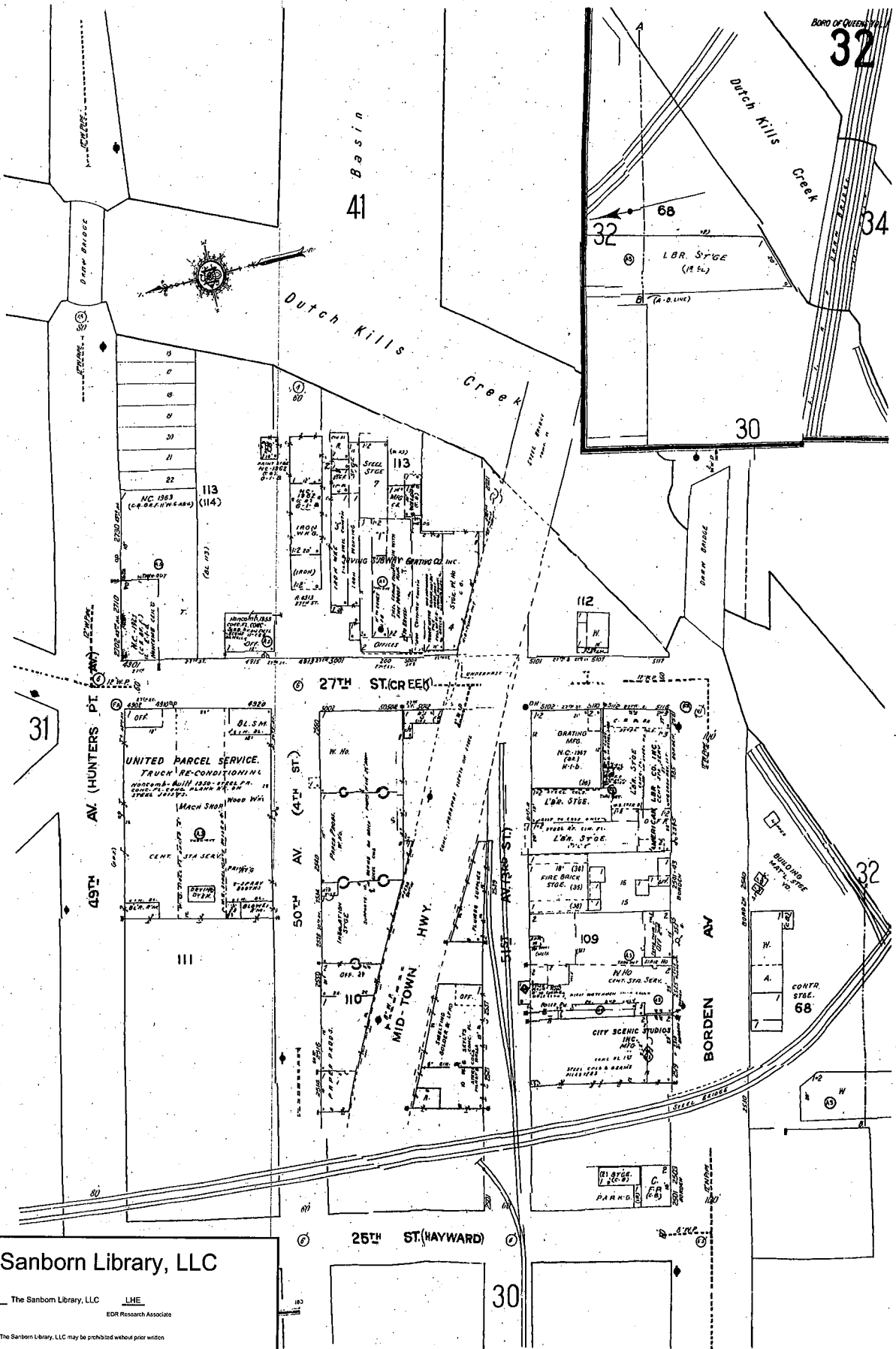
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


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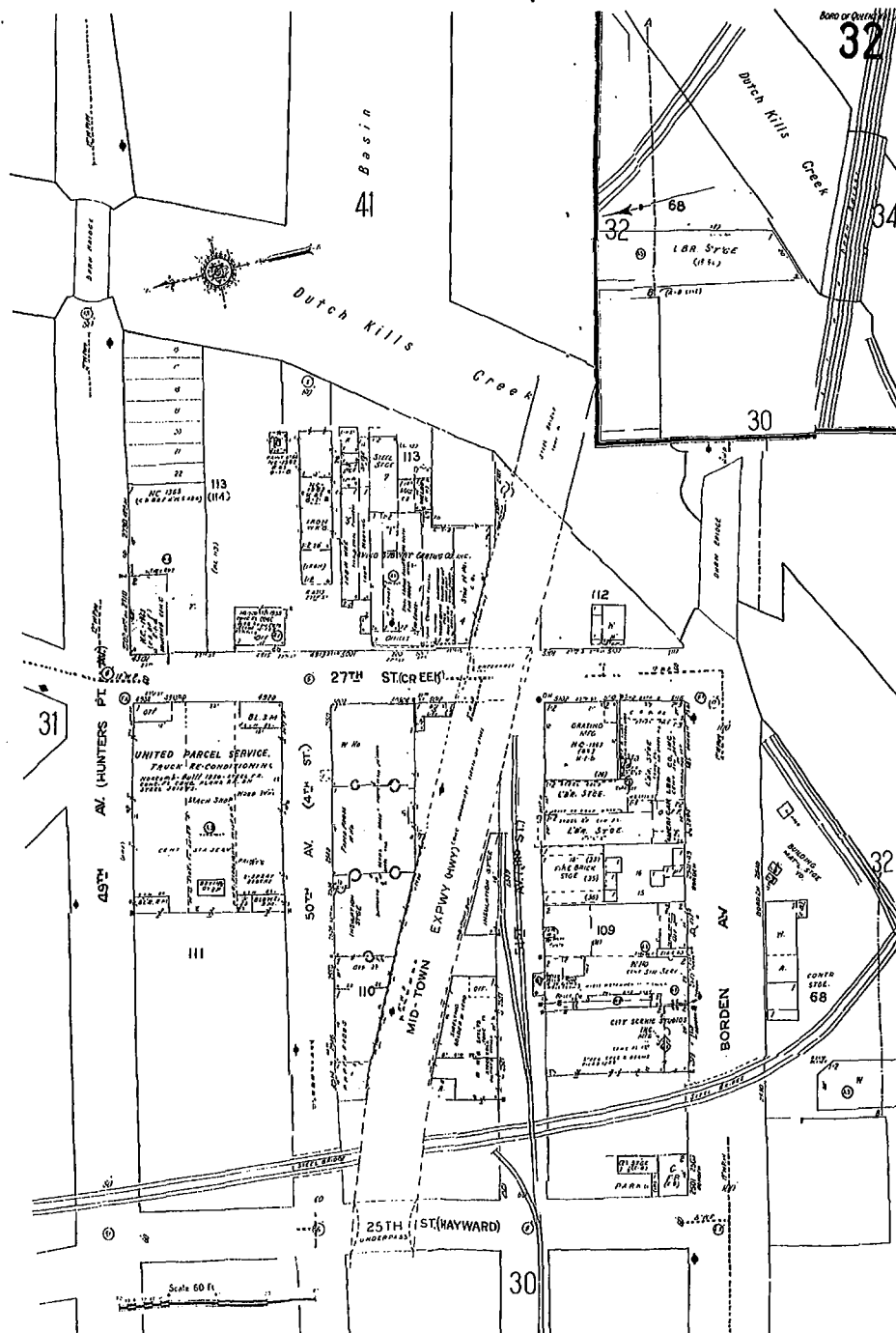
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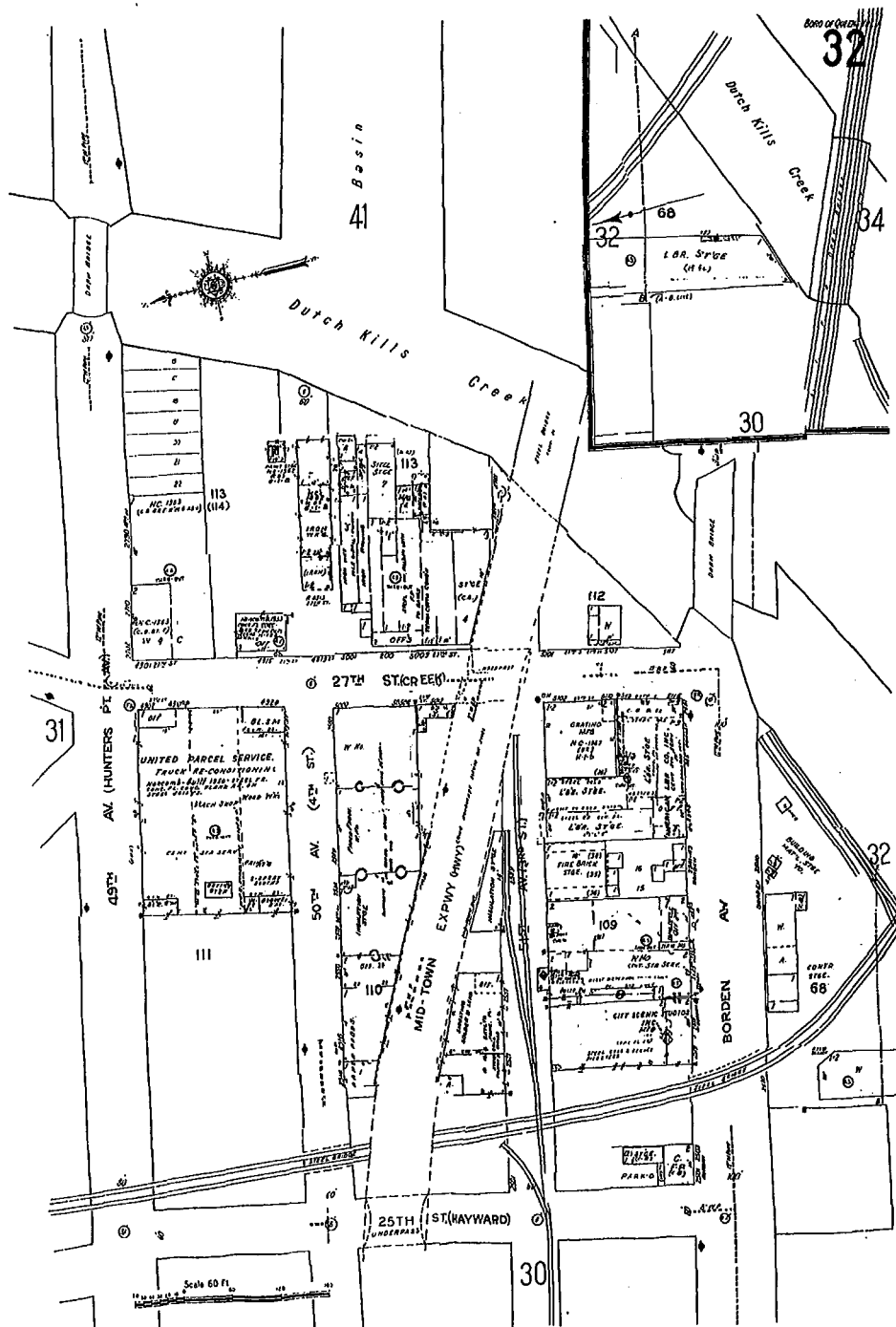
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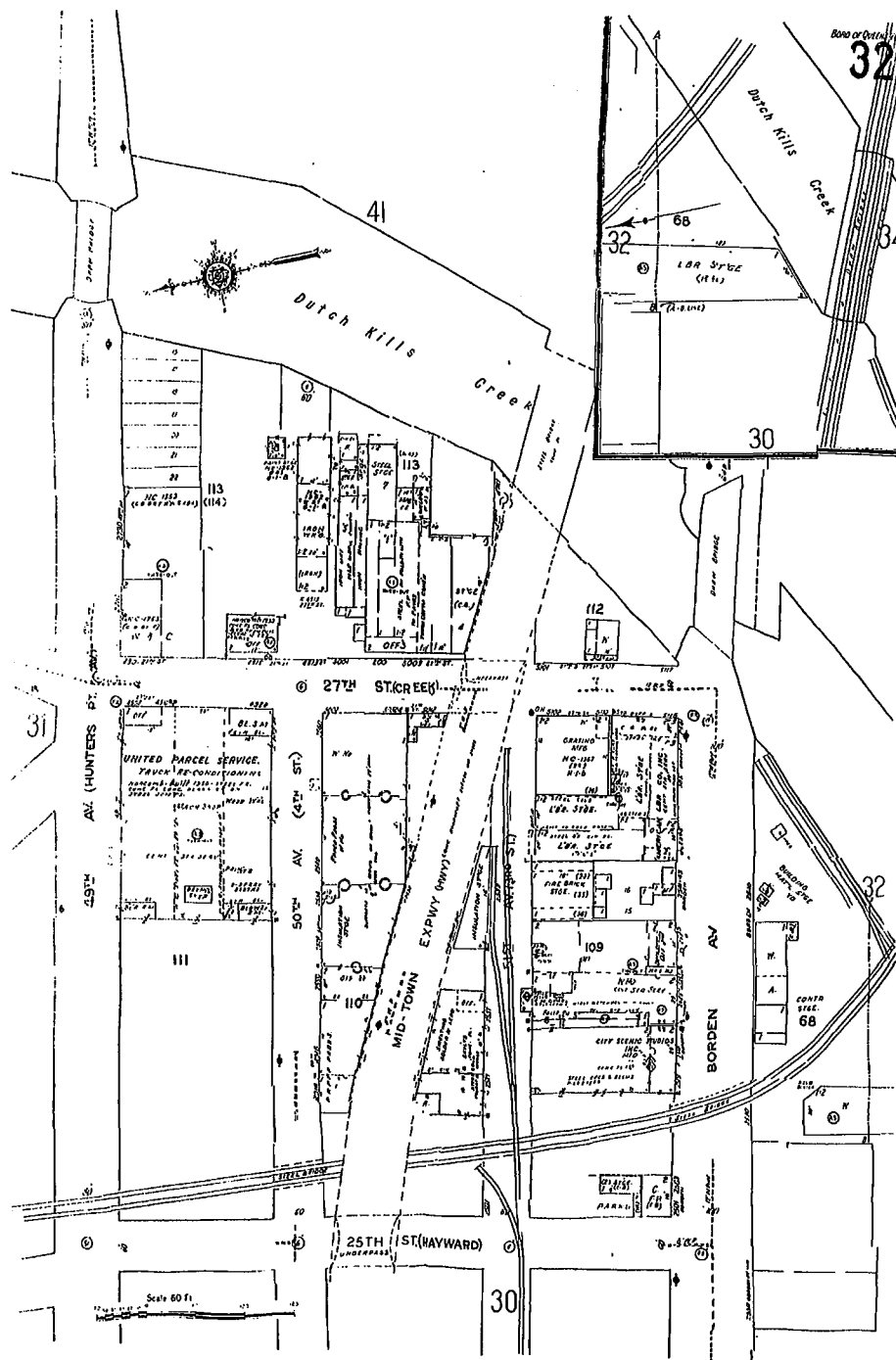
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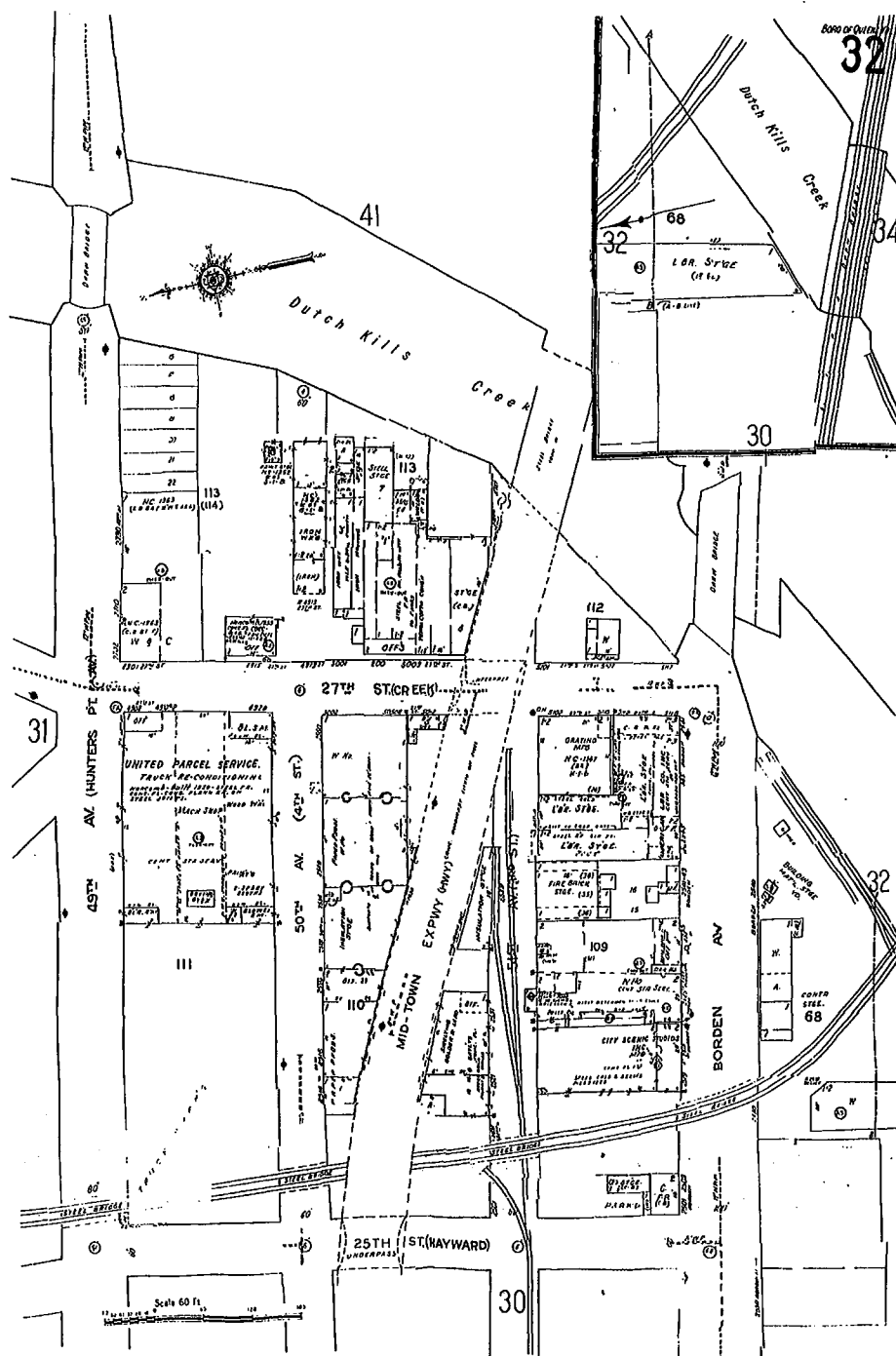
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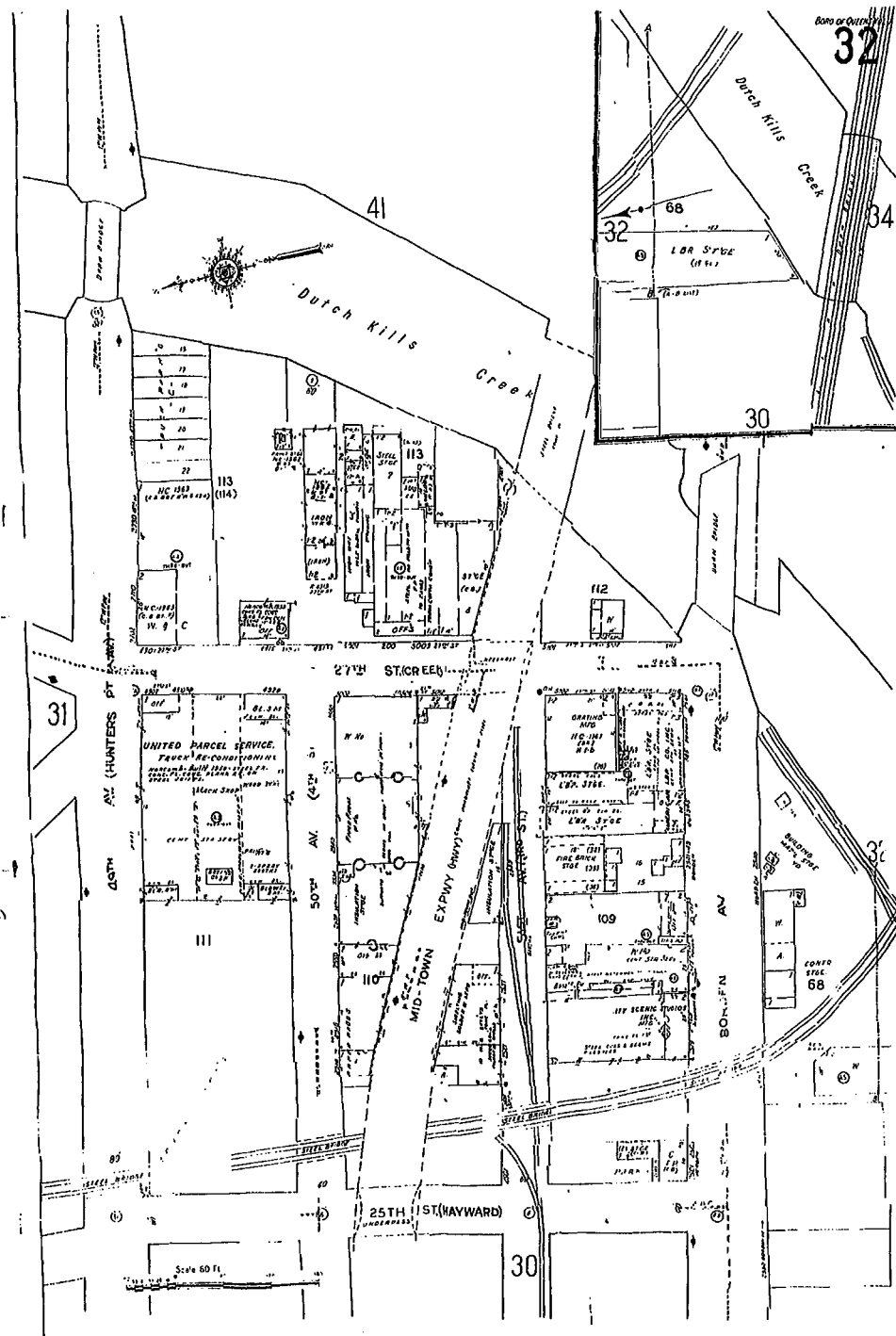
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SURVEY No. 54841-1

54841-1.DWG
54841-1.CRD

PUBLIC ROADWAY

WIDE 49th (HUNTERS POINT AVENUE) AVENUE
(10th AVENUE)

60' WIDE

27th STREET
(ASHBURN STREET)
(CREEK STREET)
PUBLIC ROADWAY

fence 0.43' east
fence 4.05' on st.

fence 0.59' east

fence 4.07' on st.
step 0.85' on st.
roll 3.44' east
platform 3.46' east
rail 3.49' east
step 0.94' on st.

Traffic Flow
↓
Traffic Flow
↑
Concrete Curb
8
8
fence 4.01' east
hedge 3.0' ± on st.

hedge 3.0' ± on st.
step 1.16' on st.
platform on line
hedge 2.0' ± on st.

hedge 2.5' ± on st.
hedge 0.5' ± on st.

[illegible]

LEGEND

CC.....CURB CUT
CWA.....CELLAR WINDOW AREA
PLAT.....PLATFORM
ST.....STREET

CERTIFIED TO:
HARSCO CORPORATION
SUPERIOR ABSTRACT CORPORATION

FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS
ZONE AS (EL 10) AND B
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 360497 0040 B
EFFECTIVE DATE NOVEMBER 16, 1983
SEE SURVEY FOR BOUNDARIES

DRN: MF

ESTABLISHED 1876 • SUCCESSOR TO:

B.G. MENKHOFF C.S.*O.U. POWELL C.E.,C.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
 WILLIAM L. SAVACOL C.E.L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*O. WEBER L.S.,C.S.*O. STODOLPH R.A.L.S.*WHITSON &
 POWELL INC. P.E.L.S.,C.S.*KELLER & POWELL P.E.L.S.,C.S.*LOUIS MONTROSE C.E.L.S.,C.S.*FRED J. POWELL P.E.L.S.,C.S.*

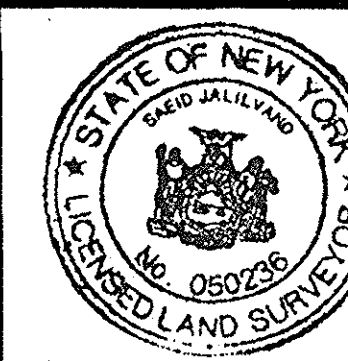
[illegible]

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MONTROSE
SURVEYING CO., LLP.
CITY & LAND SURVEYORS
116 20 METROPOLITAN AVE • RICHMOND HILL NY 14118-1090 • (718) 849-0600



STATE OF NEW YORK
CITY OF NEW YORK
COUNTY OF QUEENS
TAX BLOCK 113
TAX LOT 1 & 11
SCALE 1" = 30'

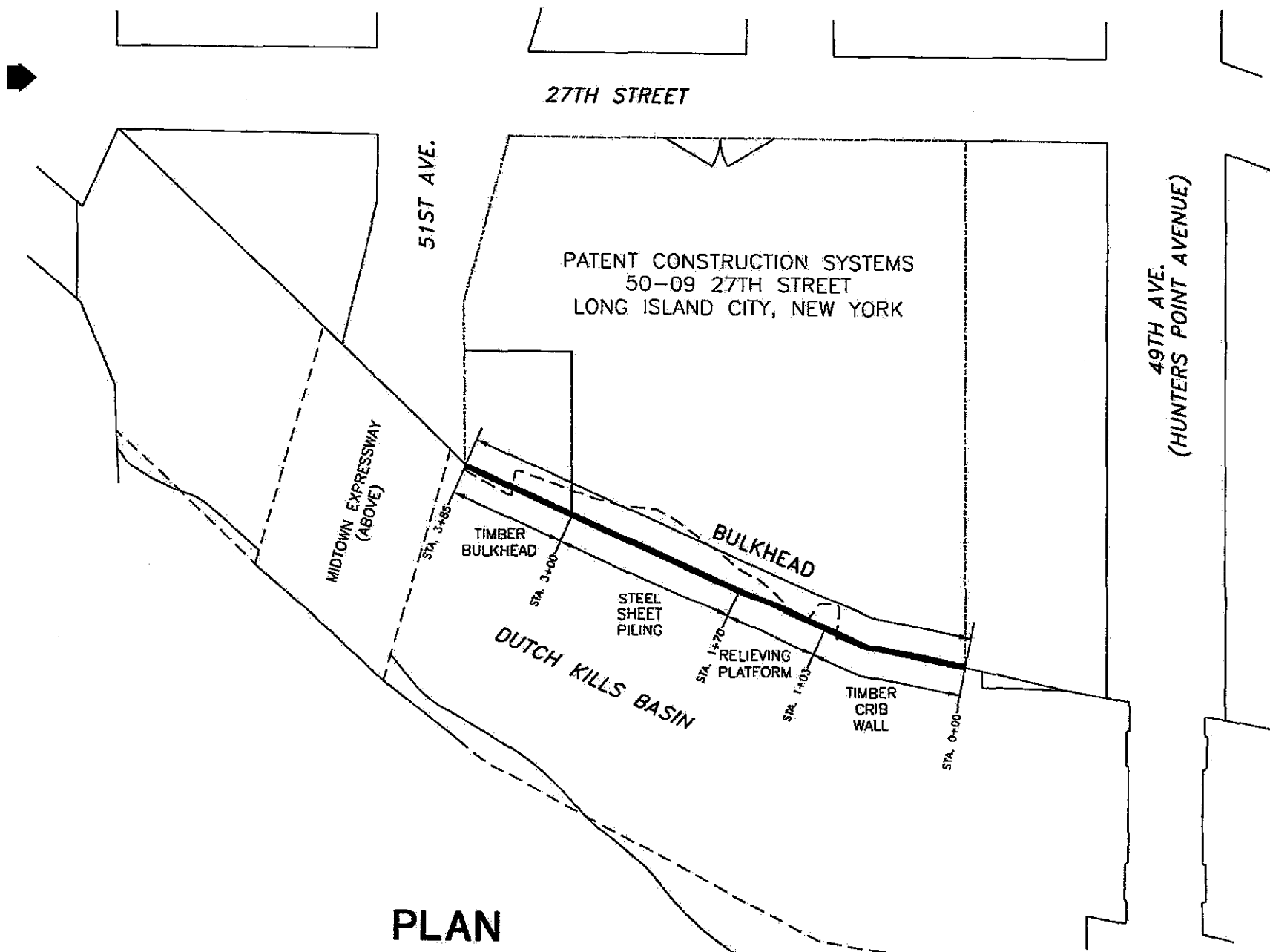
PATENT CONSTRUCTION SYSTEMS

ONE MACK CENTRE DRIVE
PARAMUS, NJ 07652

BULKHEAD CONDITION SURVEY

50-09 27TH STREET
LONG ISLAND CITY, NEW YORK

PREPARED BY:
VACHRIS ENGINEERING, P.C.
370 OLD COUNTRY ROAD
GARDEN CITY, NY 11530



PLAN

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BH
SHEET NO. 6 OF 8
CALCULATED BY MFC DATE 7/19 7/26/06
CHECKED BY _____ DATE _____
SCALE _____

PATENT CONSTRUCTION

SYSTEMS

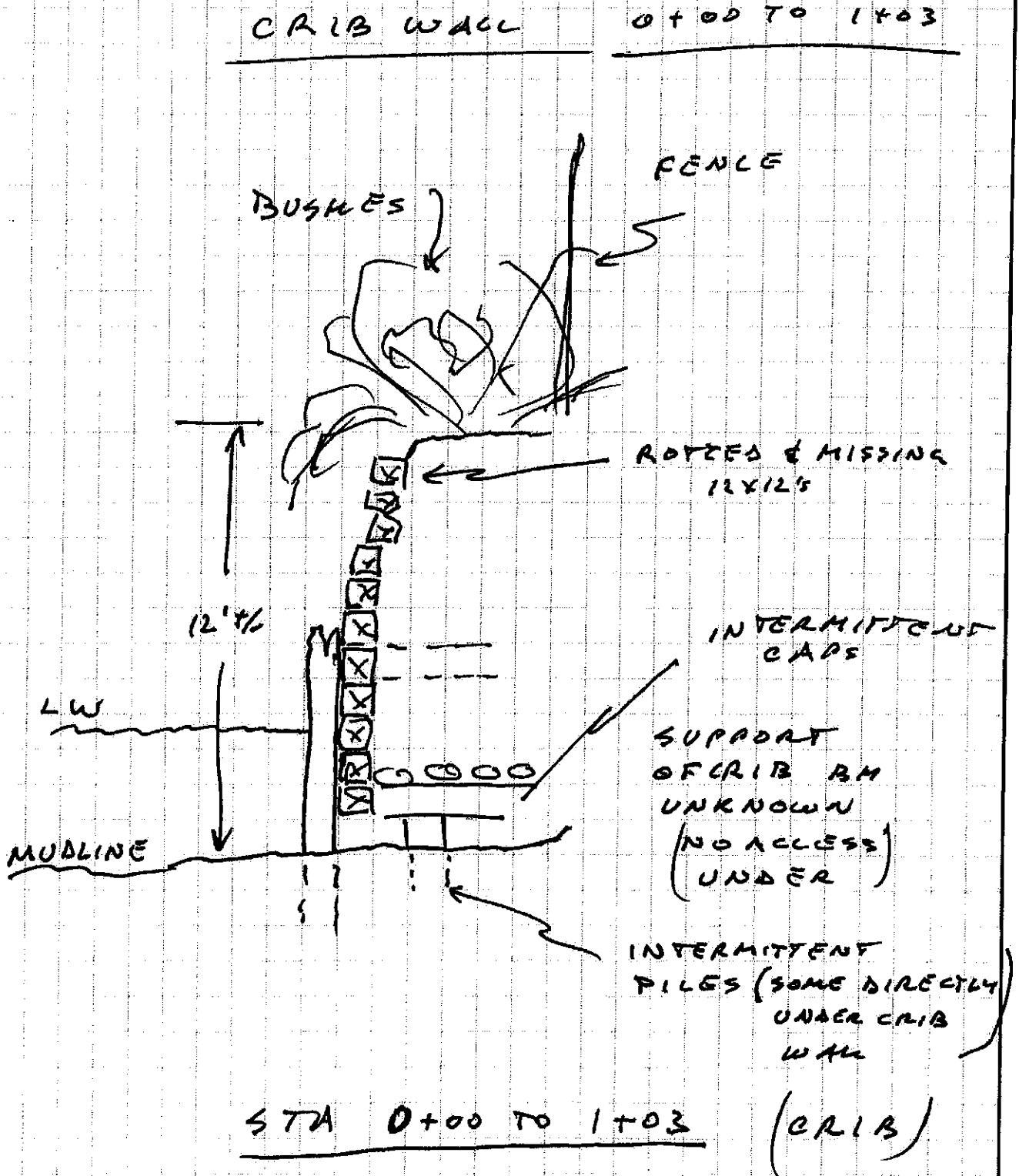
AT DUTCH KILLS

BULKHEAD INSPECTION

NOTES

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. B.M.
SHEET NO. 1 OF 8
CALCULATED BY MFC DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____



HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BH
SHEET NO. 2 OF 8
CALCULATED BY MFC DATE 7-19-86
CHECKED BY _____ DATE 7-26-86
SCALE _____

(NORTH END OF PROPERTY STA 0+00)
STA 0+00 TO 1+03 (CRIB)

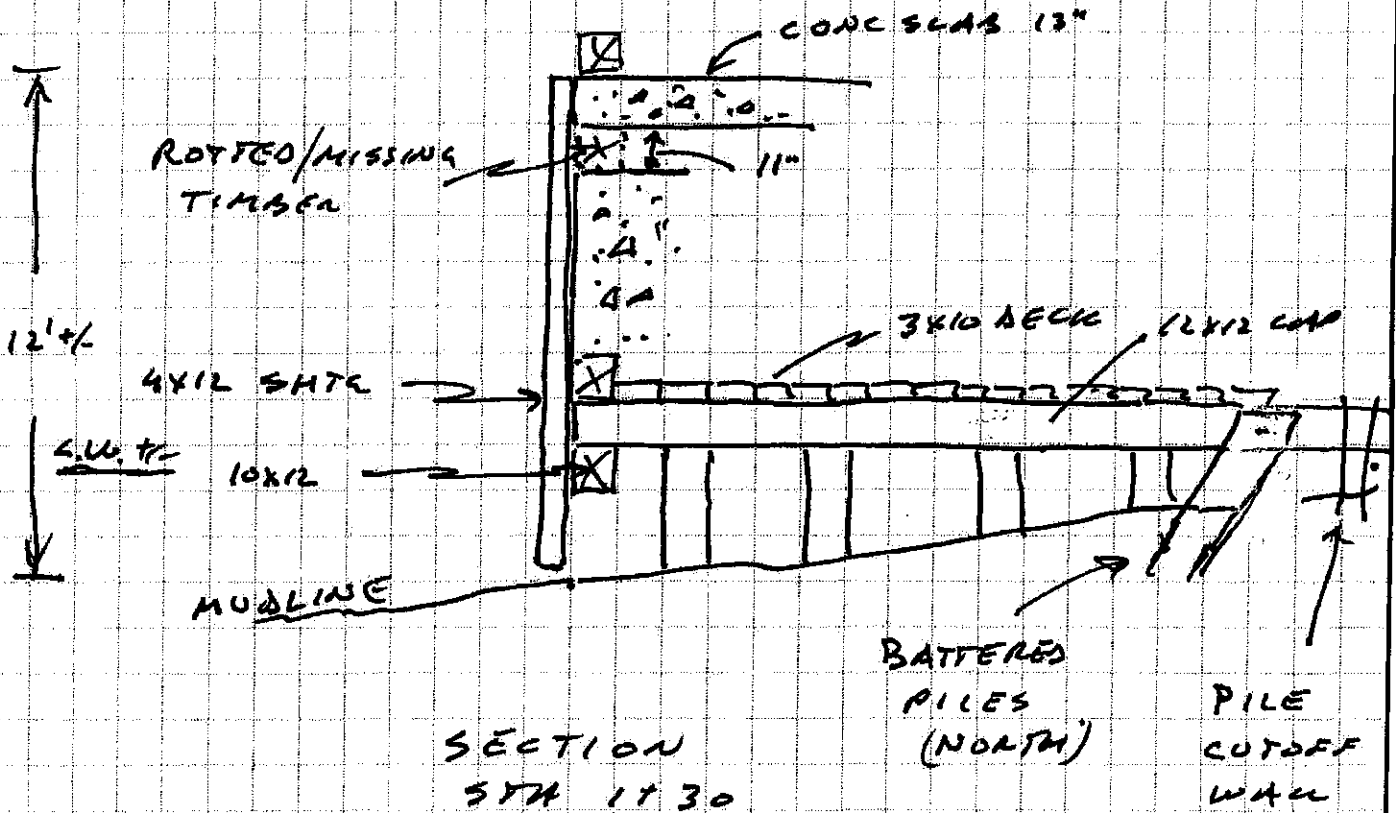
- CRIBBING BH. 12 HIGH
- DETERIORATED PILES IN FRONT OF CRIB 1 TO 2 FT O.C.
- BOTTOM OF CRIB TO MUDLINE 1' +/-
- CRIBBING SUPPORTED INTERMITTENTLY BY PILES, NO SPACING OR PATTERN WAS OBSERVED. INSPECTOR FELT ONLY 7 TO 10 PILES UNDER CRIB LINE AND 1 TO 2 FT BEHIND IT. THERE ARE PROBABLY MORE PILES SUPPORTING THE CRIB. POSSIBLY 5' O.C.
- NO ACCESS THROUGH FRONT PILES OR UNDER CRIB
- 8 TO 12" BOTTOM OF CRIB TO MUDLINE
- 'VOID' UNDER CRIB 6' +/- INSHORE
- ROUND TIMBERS WERE FELT BEHIND CRIB FORMING A "RELIEVING PLATFORM" DECK
- TOP COURSES OF CRIB ROTTED AND MISSING. (ROTTER)
- NO EVIDENCE OF MARINE BORERS ACTIVE
- CRIB IS HOLDING BH LINE, NO MAJOR BREAKS, BUT IS PROBABLY NOT REPAIRABLE

PHOTOS 1 TO 7, 40, 41

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P. C. S. B.M.
SHEET NO. 3 OF 8
CALCULATED BY MFC DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____

STA 1+03 TO 1+70 PLATFORM



SECTION
STA 1+30

(BENT SPACING 5' +/-)

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BH
SHEET NO. 4 OF 8
CALCULATED BY MFC DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____

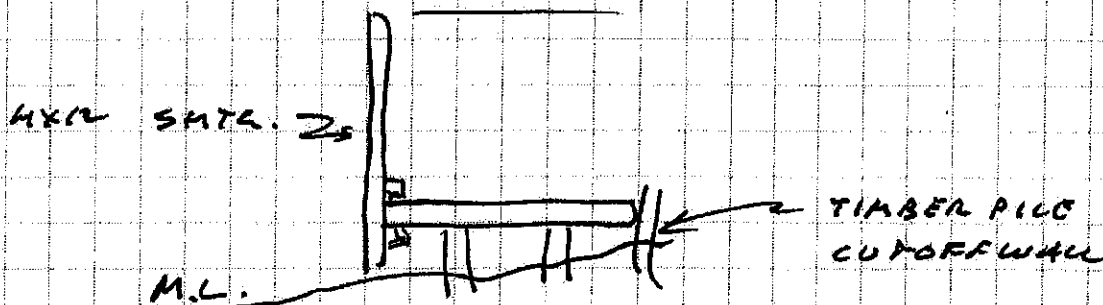
STA 1+03 TO 1+70 (PLATFORM)

AT 1+30

- PLATFORM DEPTH 17'
- 12X12 CAPS GOOD CONDITION
- 12" PILES 3' EXPOSED (CONDITION OK)
- CAPS SUPPORTED BY 5 TO 6 PILES
- BATTERED PILES IN SHORE, NORTH SIDE
- TIMBER PILE CUTOFF WALL
- DECK 10" TIMBERS, OK.
- 10X12 HORIZONTAL IN FRONT UNDER CAP
- SHEET PILES SPILED IN 3 LOCATIONS

AT STA 1+03

- AT BEGINNING OF RELIEVING PLATFORM,
PLATFORM IS ONLY 2 PILES DEEP



GENERAL OBSERVATIONS:

- SHEETING IN FRONT ROTTED N.G.
- CAPS, PILES, DECK, OK
- LINE & GRADE ON BH LOOKS OK
- INSPECTED UNDER DECK ONLY AT STA 1+30 AND 1+03.

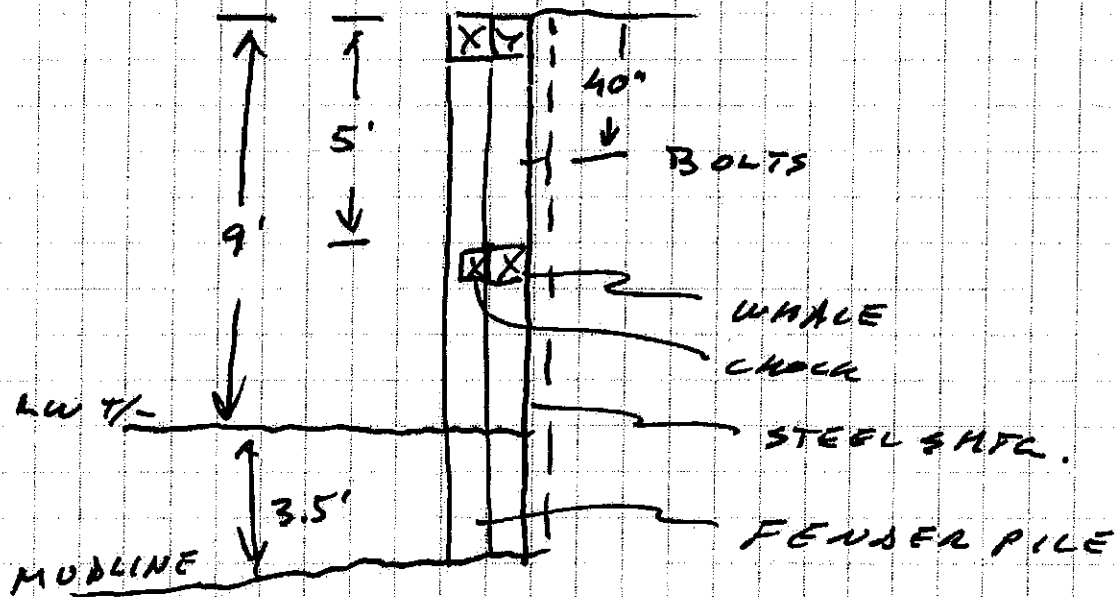
PHOTOS 8 TO 16, 39, 43 TO 50

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

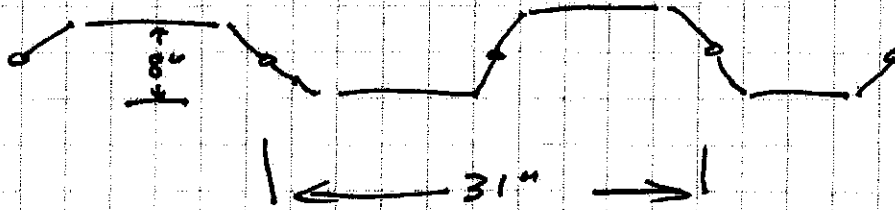
JOB P.C.S. B.H.
SHEET NO. 5 OF 8
CALCULATED BY MFC DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____

STA 1+70 TO 3+00

STEEL SHEETING



SECTION AT STA 2+50



HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BH
SHEET NO. 6 OF 8
CALCULATED BY MFL DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____

STA 1+70 TO 3+00

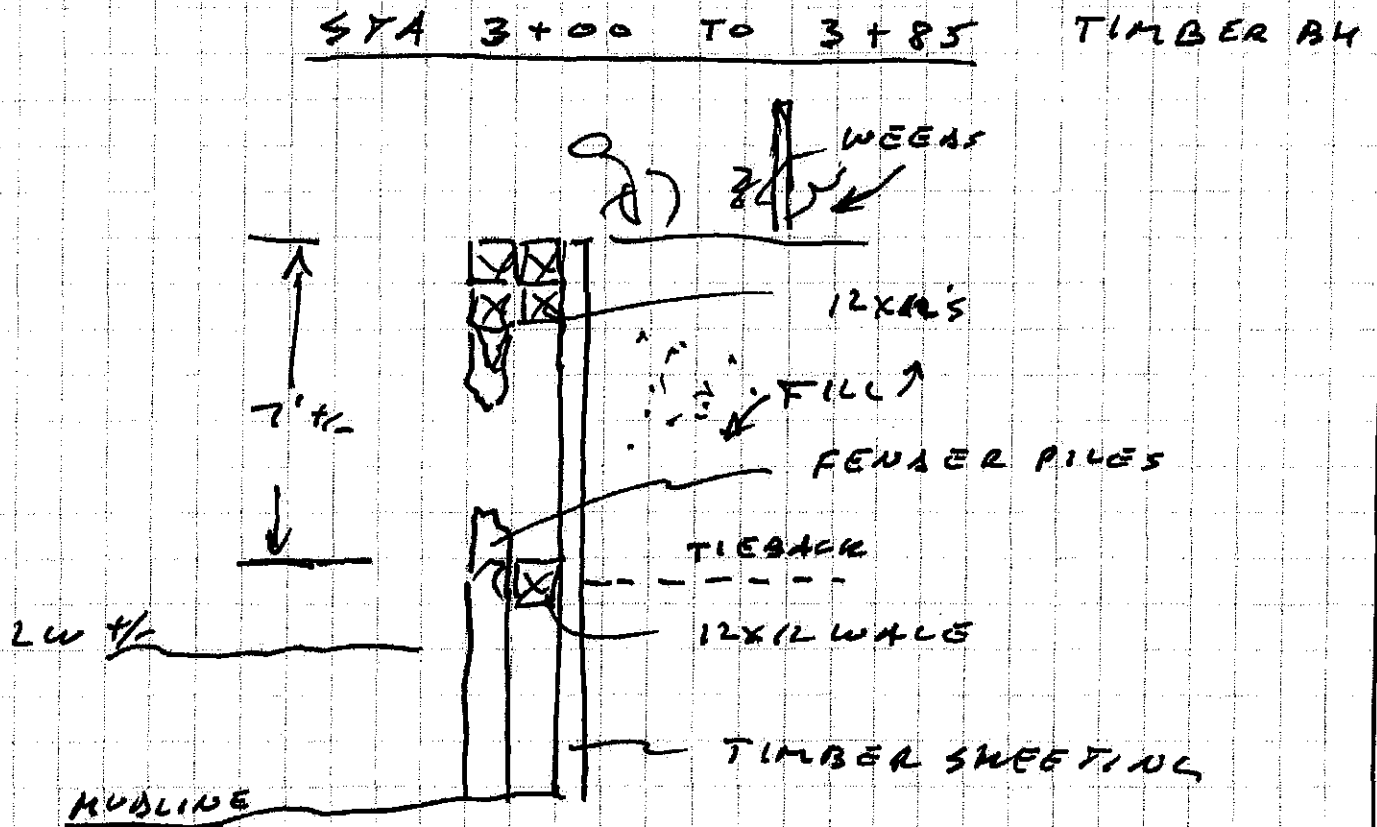
STEEL SHEETING

- TIAL ZONE HEAVY RUST
- ABOVE TZ LOOK FOR RAC.
- BELOW AN. AT L.W. HEAVY SCALE
1/4" THICK PLUS.
- STA 1+85 1'x1' HOLE BELOW LW
- STA 2+35 1'x1' HOLE "
- AGGRESSIVE CLEANING WOULD PROBABLY
REVEAL MORE HOLES
- NEAR SOUTH END SEVERAL LARGE
HOLES AL LW. & BELOW
PATCHED WITH TIMBER
- CORROSION APPEARS TO BE MORE
ADVANCED ~~FROM~~ AS INSPECTION MOVED
NORTH TO SOUTH
- STA. 2+00 10" OUTFALL AND HOLE IN
SHEETING BELOW

PHOTOS #17 TO 25, 34 TO 38, 51 TO 56

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BM
SHEET NO. 7 OF 8
CALCULATED BY M.F.C. DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____



SECTION AT TIMBER BH
(TYPICAL)

HUDSON MARINE, INC.
1141 Clay Avenue
PELHAM, NEW YORK 10803

JOB P.C.S. BH
SHEET NO. 8 OF 8
CALCULATED BY M.F.C. DATE 7-19-06
CHECKED BY _____ DATE 7-26-06
SCALE _____

STA 3+00 TO 3+85
TIMBER BULKHEAD

- FENDER PILES MOSTLY BROKEN
ROTTED ABOVE H.W.
- L.W. WALE HOLDING LINE BUT DETERIORATED
- SHEETING 4X10 (CREP)
TIGHT BELOW LW
CAPS IN TIDAL ZONE
FIRE DAMAGE ABOVE H.W.
- CINDER FILL
- TIEBACK NUTS HIGHLY DETERIORATED
BUT STILL HOLDING LINE
- NO ELEMENT OF THIS BH APPEARS
REPAIRABLE

PHOTOS 25 TO 33 TO

PHOTO #1
STA. 0+00
FACING SW



PHOTO #2
STA. 0+00
NORTH END OF CRIB
FACING SOUTH
(CRIB LINE TO LEFT)

PHOTO #3
STA 0+00



PHOTO #4
CRIB WALL DETAIL

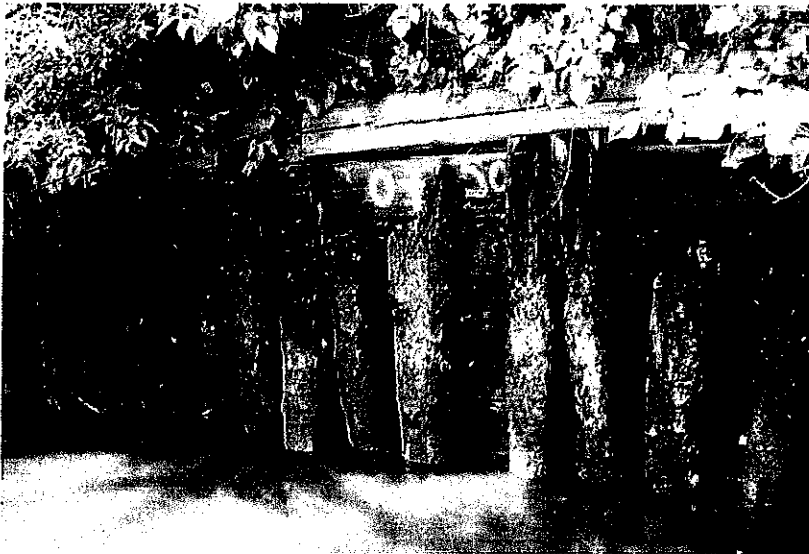
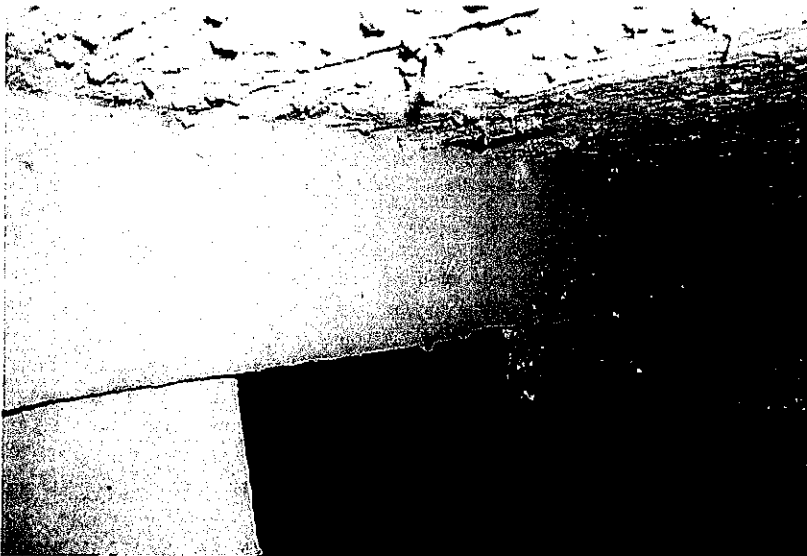
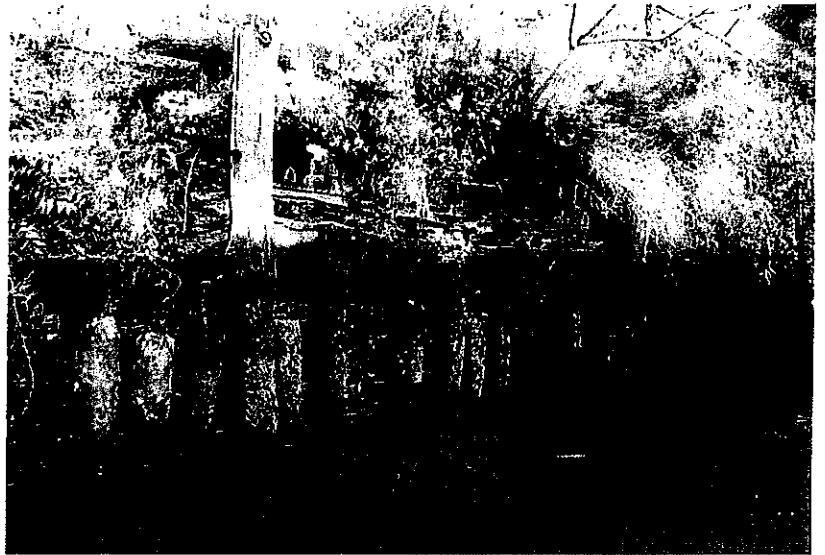


PHOTO #5
STA 0+50
CRIB WALL

PHOTO #6
STA 0+70
CRIB WALL



**PHOTO #7
STA 0+90
CRIB**



**PHOTO #8
STA 1+05
PILE CAP
2 PILES FACING SW**

**PHOTO #9
FACING SOUTH-PILE
CAP AND PILE
SECOND BENT
BACKFILL OF
SHEETING TO LEFT
10X12 BOTTOM LEFT**

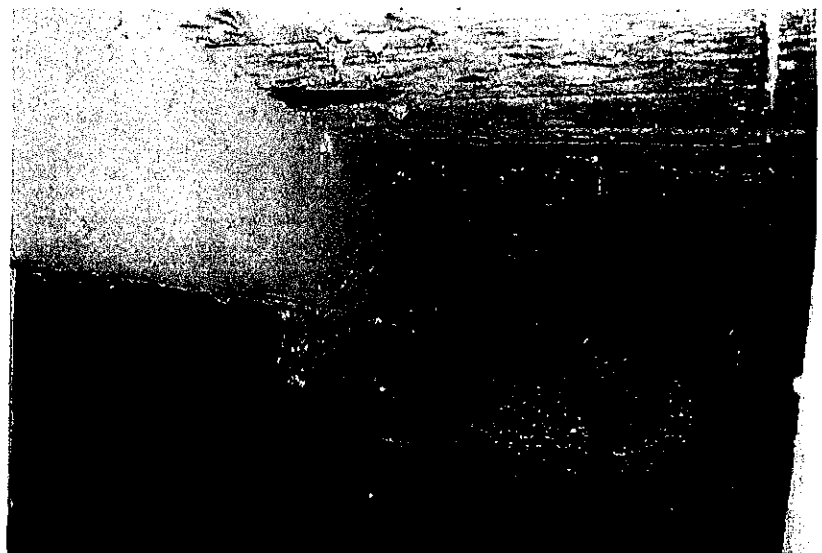


PHOTO #10
BENT 1 TO RIGHT
POSSIBLE TEREDO
MARKS FACING WEST

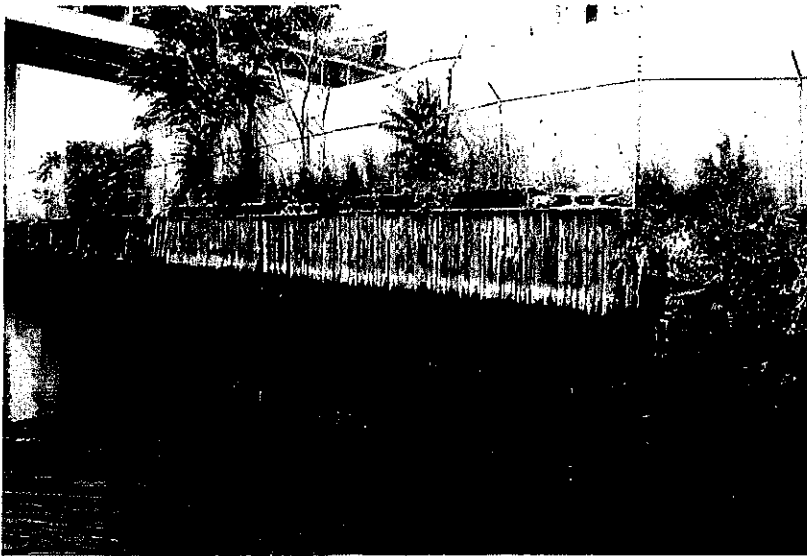
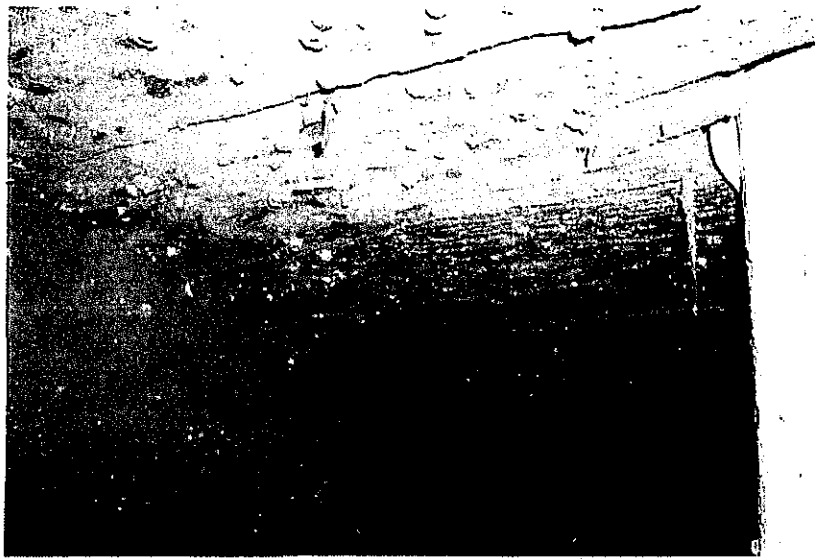


PHOTO #11
STA 1+05
FACING WEST
BETWEEN BENT 1 AND
2
TIMBER CUTOFF WALL
AND CONCRETE FILL

PHOTO #12
STA 1+05
FACING WEST
12X12 CAP AND PILE
#2

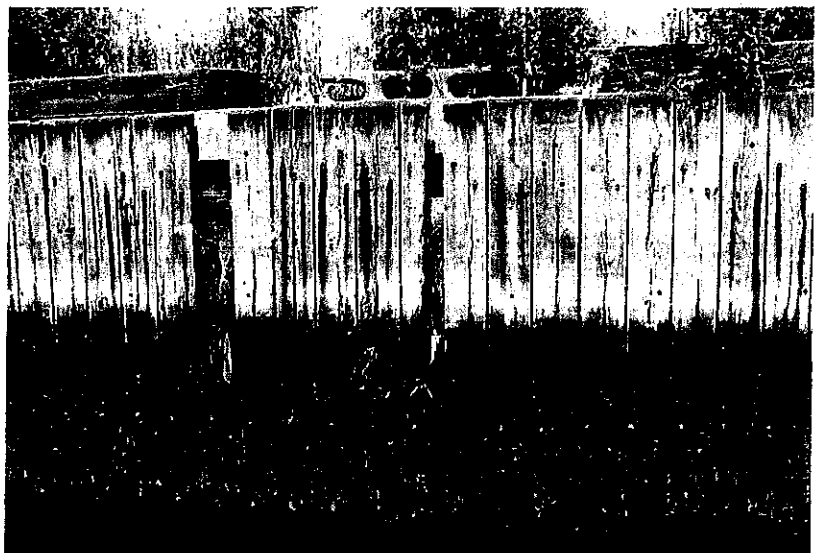


**PHOTO #13
STA 1+05
TIMBER DECK**



**PHOTO #14
STA 1+03 TO 1+70
RELLEIVING
PLATFORM FACE**

**PHOTO #15
STA 1+40 1+30
DETERIORATED 4X12'S
CONCRETE
"SEAWALL" BEYOND**



**PHOTO #16
STA 1+70
SOUTH END OF
PLATFORM**



**PHOTO #17
STA 1+80
NORTH END OF STEEL
SHEETING**



**PHOTO #18
STA. 2+00
HIGH WATER
CORROSION
BOLTS IN SHEETING
FENDER SYSTEM IN
BAD SHAPE**



PHOTO #19
STA. 2+00
OUTFALL AND HOLE
BELOW



PHOTO #20
STA. 1+70
END PLATFORM
BEGIN SHEETING

PHOTO #21
STA. 2+20
STEEL SHEETING
BULKHEAD



PHOTO #22
STA. 2+50
STEEL SHEETING
BULKHEAD



PHOTO #23
STA. 2+90
HOLES IN STEEL
SHEETING

PHOTO #24
STA. 2+97
SOUTH CORNER OF
STEEL SHEETING



PHOTO #25
STA. 3+00
END STEEL SHEETING
BULKHEAD
BEGIN TIMBER
BULKHEAD

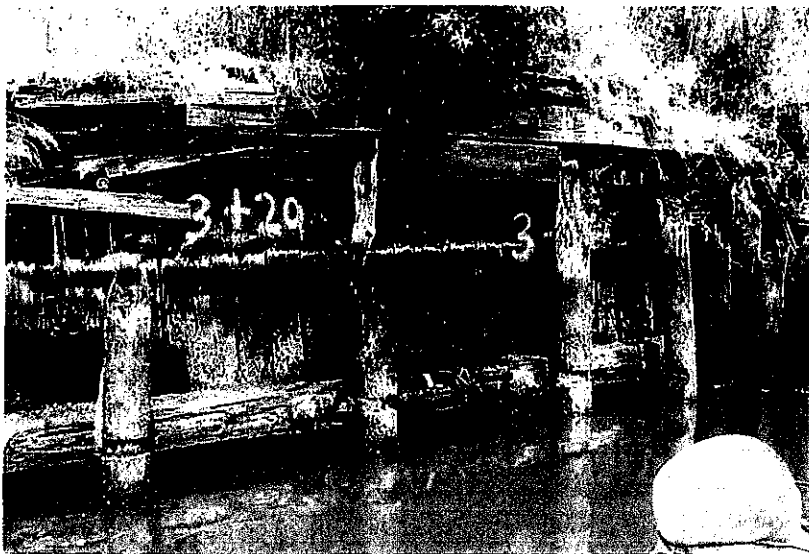


PHOTO #26
STA 3+20
TIMBER BULKHEAD

PHOTO #27
STA. 3+50
TIMBER BULKHEAD

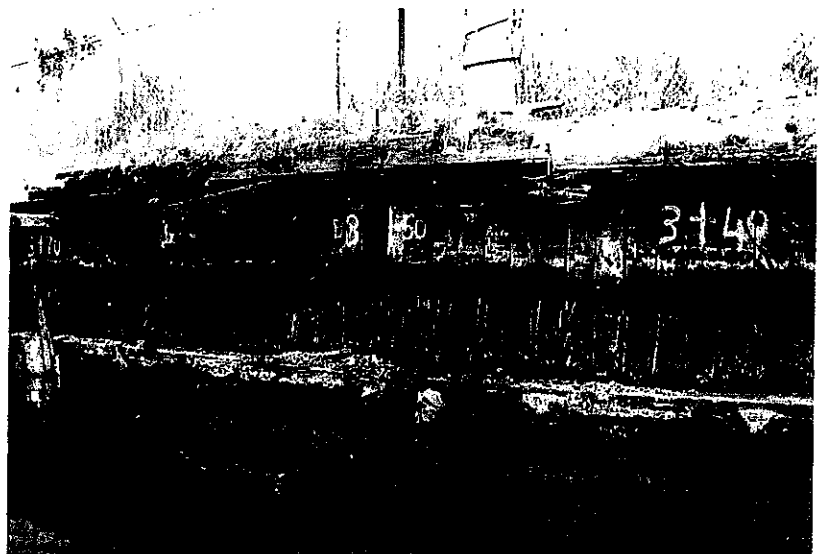


PHOTO #28
STA. 3+50
ROTTED SHEETING

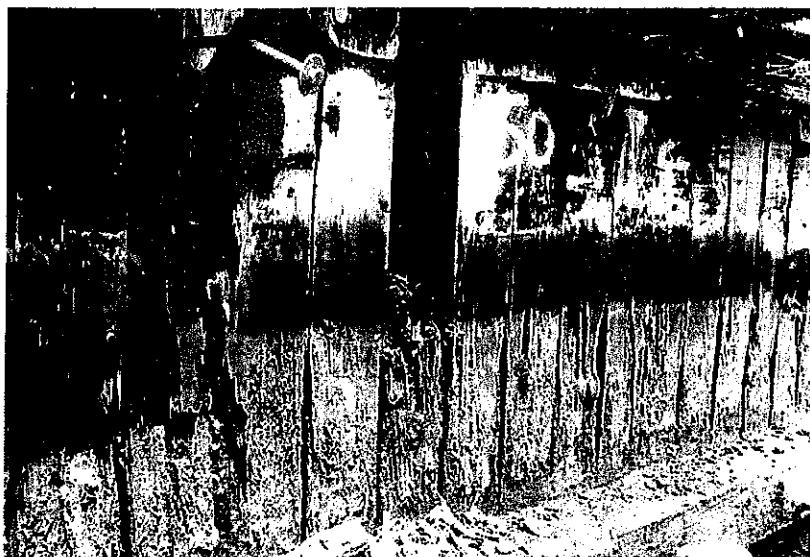
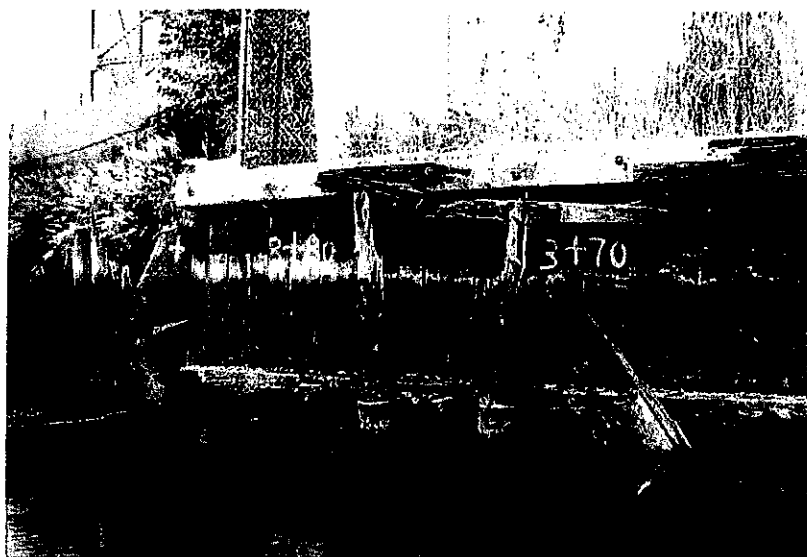
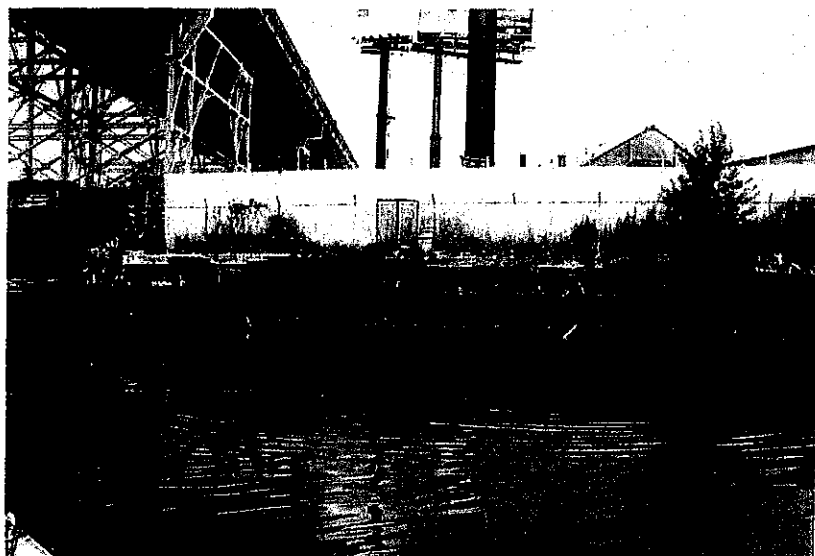


PHOTO #29
TIMBER BULKHEAD
TIEBACK HARDWARE

PHOTO #30
TIMBER BULKHEAD
SOUTH END

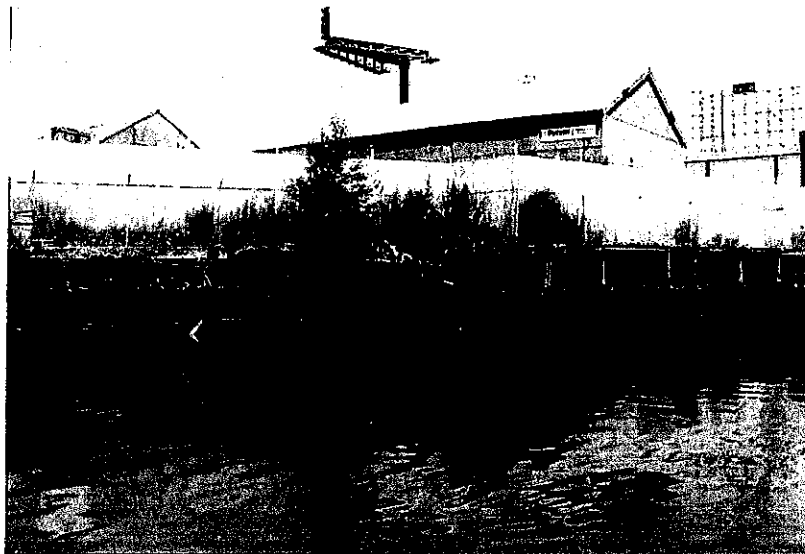


**PHOTO #31
STA. 3+80
SOUTH END OF
TIMBER BULKHEAD**

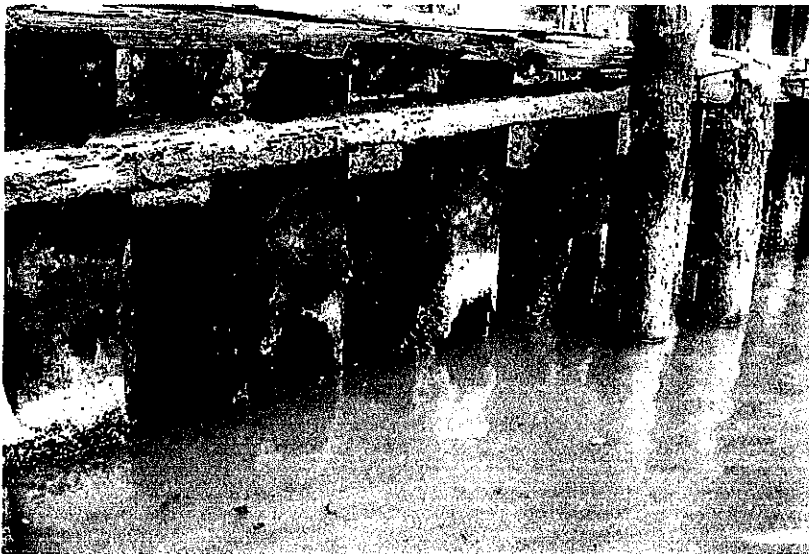
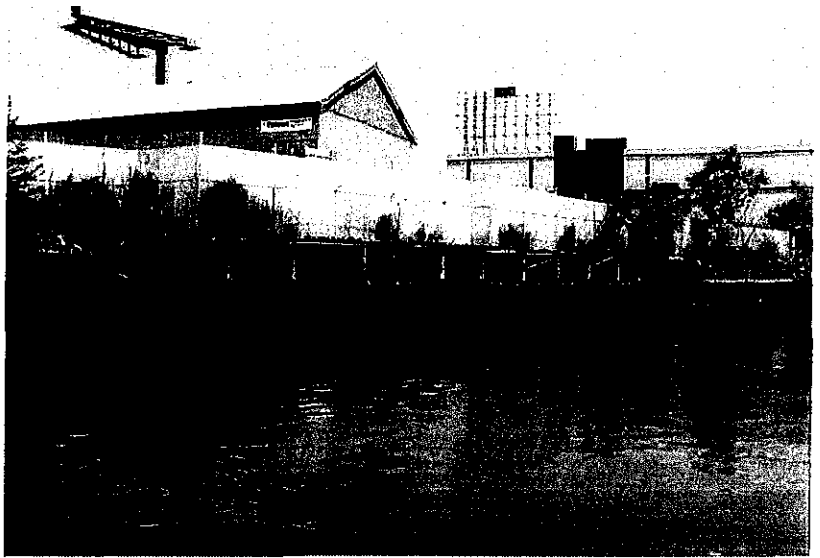


**PHOTO #32
SOUTH PORTION OF
TIMBER BULKHEAD**

**PHOTO #33
NORTH PORTION OF
TIMBER BULKHEAD**

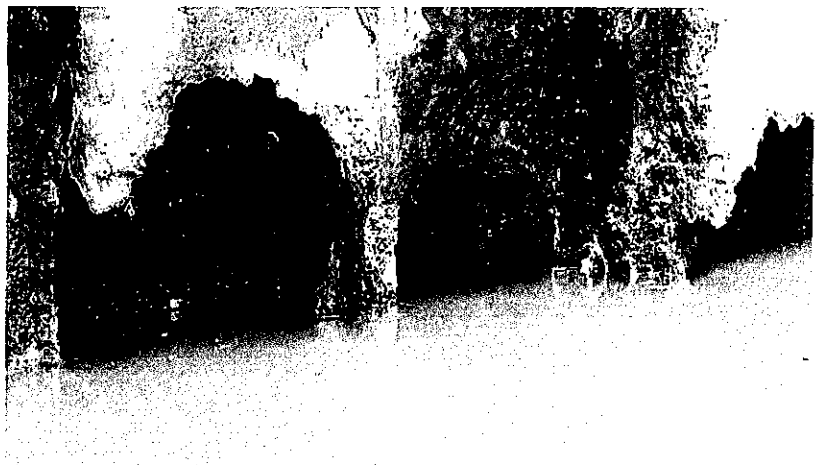


**PHOTO #34
STEEL SHEETING
BULKHEAD**

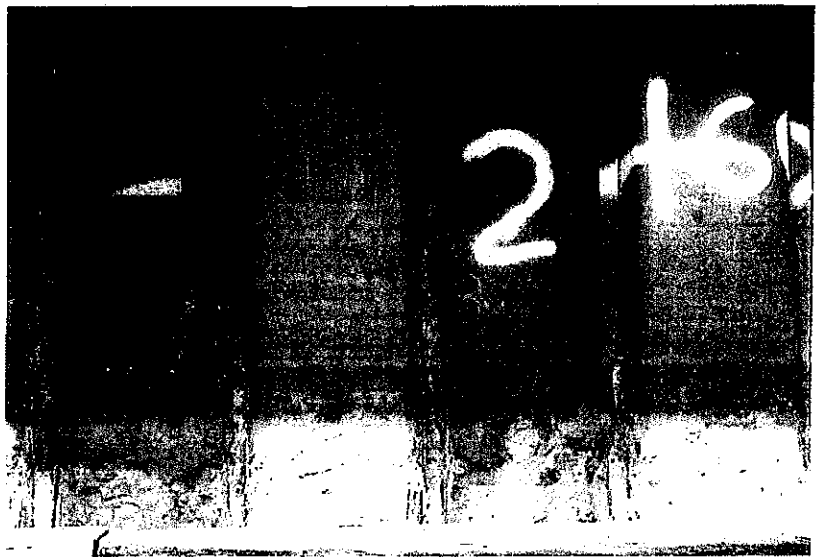


**PHOTO #35
STEEL BULKHEAD
HOLES NEAR SOUTH
END**

**PHOTO #36
STEEL BULKHEAD
HOLES NEAR SOUTH
END
TIMBER PATCHES
INSIDE**



**PHOTO #37
STEEL BULKHEAD
NEAR HIGH WATER
NO BOLTS**



**STEEL BULKHEAD
BOLTS AT HIGH
WATER**

**PHOTO #39
STA. 1+40
RELIEVING PLATFORM
SHEETING DETAIL**



PHOTO #40
STA. 0+90
CRIBBING BULKHEAD

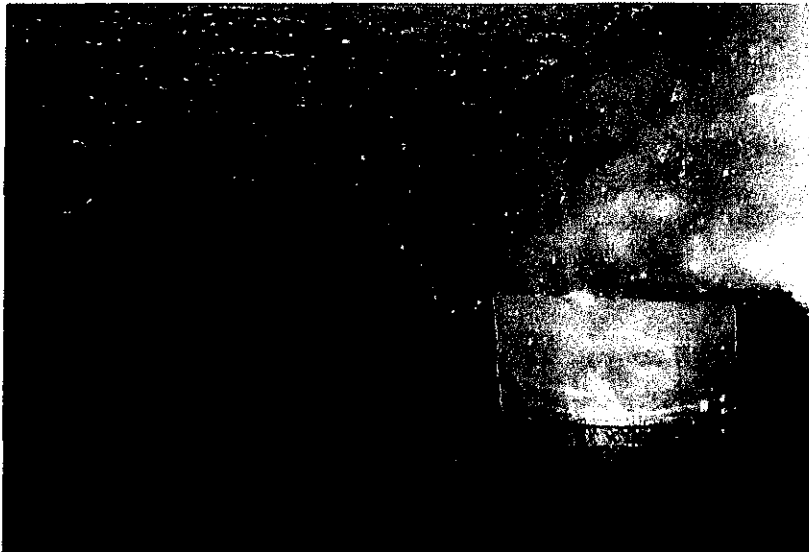
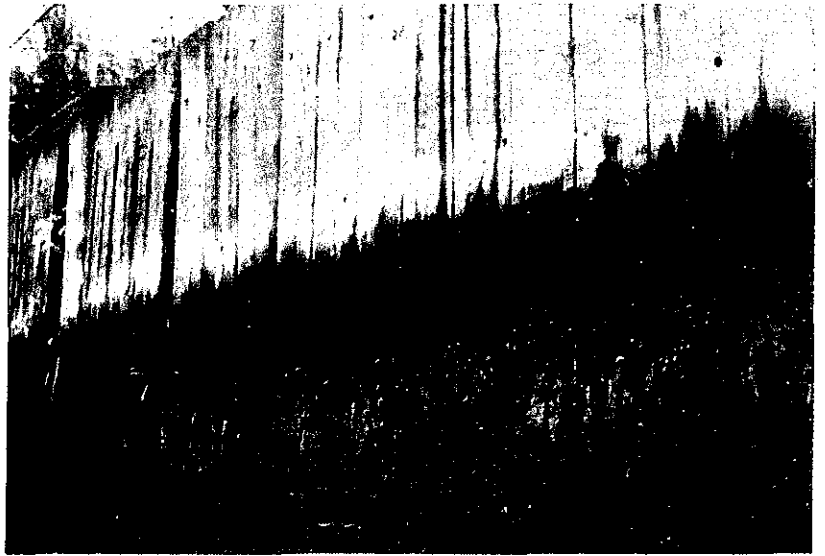


PHOTO #41
STA. 0+90 - 0+80
CRIBBING BULKHEAD

PHOTO #42
BULKHEAD FROM
DUTCH KILLS FACING
SW



**PHOTO #43
STA. 1+30
INSPECTION HOLE
CUT IN TIMBER
SHEETING**



**PHOTO #1+25
PLATFORM CAP AND
PILES FACING NW**

**PHOTO #45
STA. 1+25
PLATFORM PILE CAP
AND #1 PILE FACING
EAST**



PHOTO #46
STA. 1+25
INSHORE END OF PILE
CAP AND TIMBER PILE
CUTOFF WALL FACING
WEST

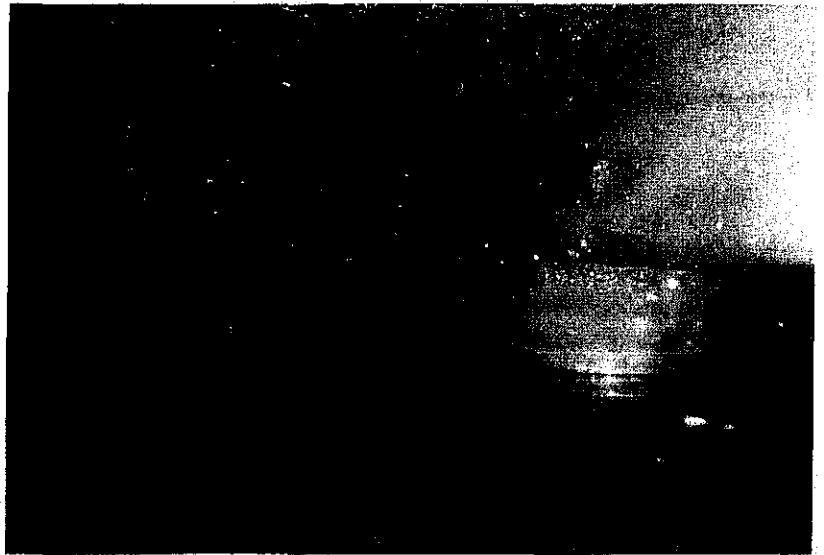


PHOTO #47
STA. 1+30
INSHORE END OF PILE
CAP
BATTERED PILE
TIMBER PILE CUTOFF
WALL FACING WEST

PHOTO #48
STA. 1+30
TIMBER DECK

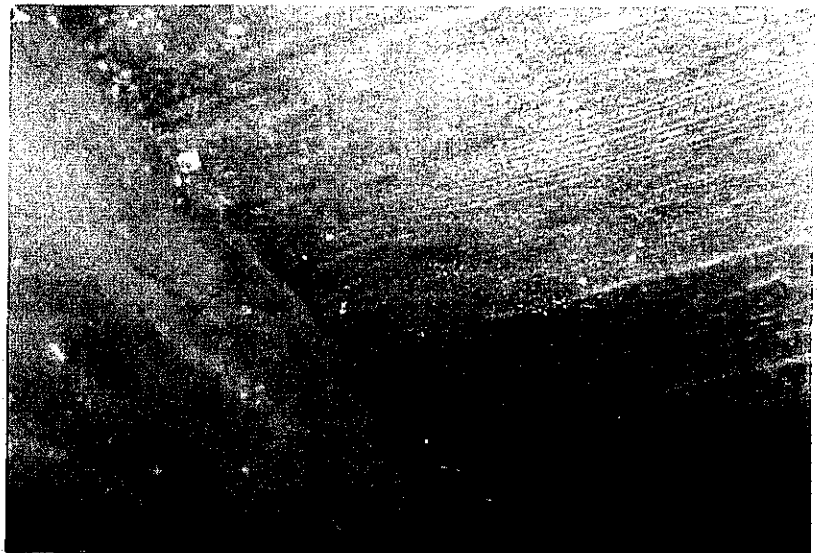


PHOTO #49
STA. 1+30
PILE CAP



PHOTO #50
STA. 1+30 INSPECTION
HOLE FACING EAST



PHOTO #51
STA. 1+75 +/-
CLEANED SHEETING
BELOW LOW WATER
NO HOLES, LOTS OF
SCALE AND RUST

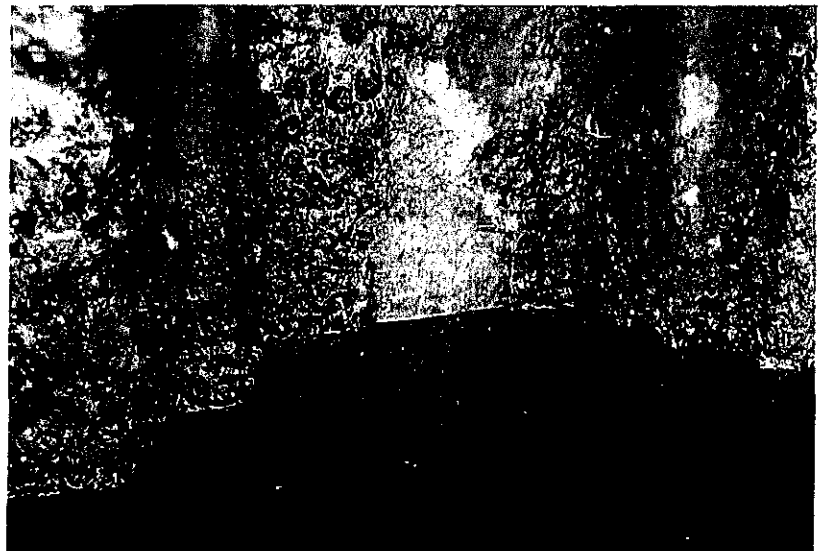


PHOTO #55
STA. 2+00
HOLE IN SHEETING
AND OUTFALL

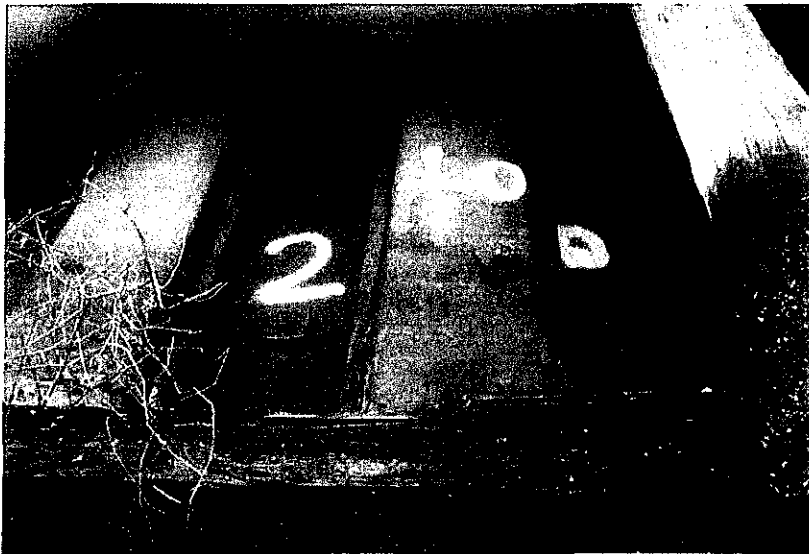


PHOTO #56
STA. 2+00
TOP BOLTS IN
SHEETING

CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

BORING LOG

Project Name & Location		Project Number		Date & Time Started:		September 6, 2006 @ 7:50 AM	
Patent Construction Systems		06-PCS-1B		Date & Time Completed:		September 6, 2006 @ 8:30 AM	
50-09 27th Street, Long Island City, NY							
Drilling Company		Foreman		Sampler(s)		Sampler Hammer Drop	
Zebra Environmental Corp		Jim					
Drilling Equipment		Method		Elevation & Datum		Completion Depth	
Geoprobe Remote Track Rig		Direct Push				8 feet	
Bit Size(s)		Core Barrel(s)		Geologist(s)		Location:	
		4' MacroCore		Michael Yager		B-01	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	3.0	0.4	8:20 AM	Grey medium to coarse sand with some gravel	No odor
4-8	4-8	3.0	8.2	8:30 AM	Grey medium to coarse sand with rounded gravel	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location Patent Construction Systems 60-09 27th Street, Long Island City, NY		Project Number 06-PCS-1B		Date & Time Started: September 6, 2006 @ 8:40 AM		Date & Time Completed: September 6, 2006 @ 8:50 AM	
Drilling Company Zebra Environmental Corp		Foreman Jim		Sampler(s) Sampler Hammer		Drop	
Drilling Equipment Geoprobe Remote Track Rig		Method Direct Push		Elevation & Datum		Completion Depth 12 feet	
Bit Size(s)		Core Barrel(s) 4' MacroCore		Geologist(s) Michael Yager		Location: B-02	
Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS	
0-4	0-4	2.0	1.6	8:30 AM	Dark brown soil and fill material (brick, concrete, cinders asphalt, etc.) with some coarse sand and gravel	No odor	
4-8	4-8	1.0	0.8	8:35 AM	Same as above - only 1 ft of recovery	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis	
8-12	8-12	2.5	0.8	8:40 AM	Dark brown sandy/silty soil with gravel - saturated	No odor	

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location Patent Construction Systems 50-09 27th Street, Long Island City, NY		Project Number 06-PCS-1B		Date & Time Started: September 6, 2006 @ 8:50 AM		
				Date & Time Completed: September 6, 2006 @ 9:00 AM		
Drilling Company Zebra Environmental Corp		Foreman Jim		Sampler(s) Sampler Hammer Drop		
Drilling Equipment Geoprobe Remote Track Rig		Method Direct Push		Elevation & Datum Completion Depth 12 feet		
Bit Size(s)		Core Barrel(s) 4' MacroCore		Geologist(s) Location: Michael Yager B-03		
Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	2.0	0.4	8:50 AM	Dark brown soil and fill material (brick, concrete, cinders asphalt, etc.)	No odor
4-8	4-8	1.5	0.4	8:55 AM	Brown sandy soil with red brick, cinders and fill	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis
8-12	8-12	2.5	0.6	9:00 AM	Brown sandy/silty soil with gravel and fill with black 'peat' tip - saturated	No odor

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location Patent Construction Systems 50-09 27th Street, Long Island City, NY		Project Number 06-PCS-1B		Date & Time Started: September 6, 2006 @ 9:10 AM	
				Date & Time Completed: September 6, 2006 @ 9:30 AM	
Drilling Company Zebra Environmental Corp		Foreman Jim		Sampler(s) Sampler Hammer Drop	
Drilling Equipment Geoprobe Remote Track Rig		Method Direct Push		Elevation & Datum Completion Depth 12 feet	
Bit Size(s)		Core Barrel(s) 4' MacroCore		Geologist(s) Location: Michael Yager B-04	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	1.0	3.3	9:10 AM	Dark brown soil with red brick, cinders and some tan coarse sand and gravel	No odor
4-8	4-8	>1.0	4.8	9:20 AM	Brown sandy soil with asphalt, cinders and fill materials	No odor GW @ approximately 9 ft below grade
8-12	8-12	1.5	1.0	9:00 AM	Brown sandy/silty soil with gravel and fill to tan coarse sand and gravel to dark brown/black 'peat' layer	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location		Project Number		Date & Time Started:		September 6, 2006 @ 9:35 AM	
Patent Construction Systems		06-PCS-1B		Date & Time Completed:		September 6, 2006 @ 9:45 AM	
50-09 27th Street, Long Island City, NY							
Drilling Company		Foreman		Sampler(s)		Sampler Hammer Drop	
Zebra Environmental Corp		Jim					
Drilling Equipment		Method		Elevation & Datum		Completion Depth	
Geoprobe Remote Track Rig		Direct Push				12 feet	
Bit Size(s)		Core Barrel(s)		Geologist(s)		Location:	
		4' MacroCore		Michael Yager		B-05	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	2.0	0	9:35 AM	Brown sandy soil with interbedded red brick, cinders, asphalt and concrete fill	No odor
4-8	4-8	1.5	0	9:40 AM	Banded brown soil fill, sand and gravel	No odor
8-12	8-12	2.0	0.3	9:45 AM	Brown sandy soil and gravel to dark brown 'peat' layer to a dark brown clayey organic layer	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location					Project Number	Date & Time Started:		September 6, 2006 @ 9:50 AM	
Patent Construction Systems					06-PCS-1B	Date & Time Completed:		September 6, 2006 @ 10:15 AM	
50-09 27th Street, Long Island City, NY									
Drilling Company					Foreman	Sampler(s)		Sampler Hammer Drop	
Zebra Environmental Corp					Jim				
Drilling Equipment					Method	Elevation & Datum		Completion Depth	
Geoprobe Remote Track Rig					Direct Push			12 feet	
Bit Size(s)					Core Barrel(s)	Geologist(s)		Location:	
					4' MacroCore	Michael Yager		B-06	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	1.5	0	9:50 AM	Banded brown, black, white, and green sandy soil, rock and fill materials	No odor
4-8	4-8	2.0	15	10:00 AM	Same as above with some red brick	Slight non-petroleum odor
8-12	8-12	1.5	0.6	10:15 AM	Brown/tan medium to coarse sand and gravel with some soil and fill materials	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis



EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**50-09 27th Street
50-09 27th Street
Long Island City, NY 11101**

Inquiry Number: 1700370.4

June 20, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900's.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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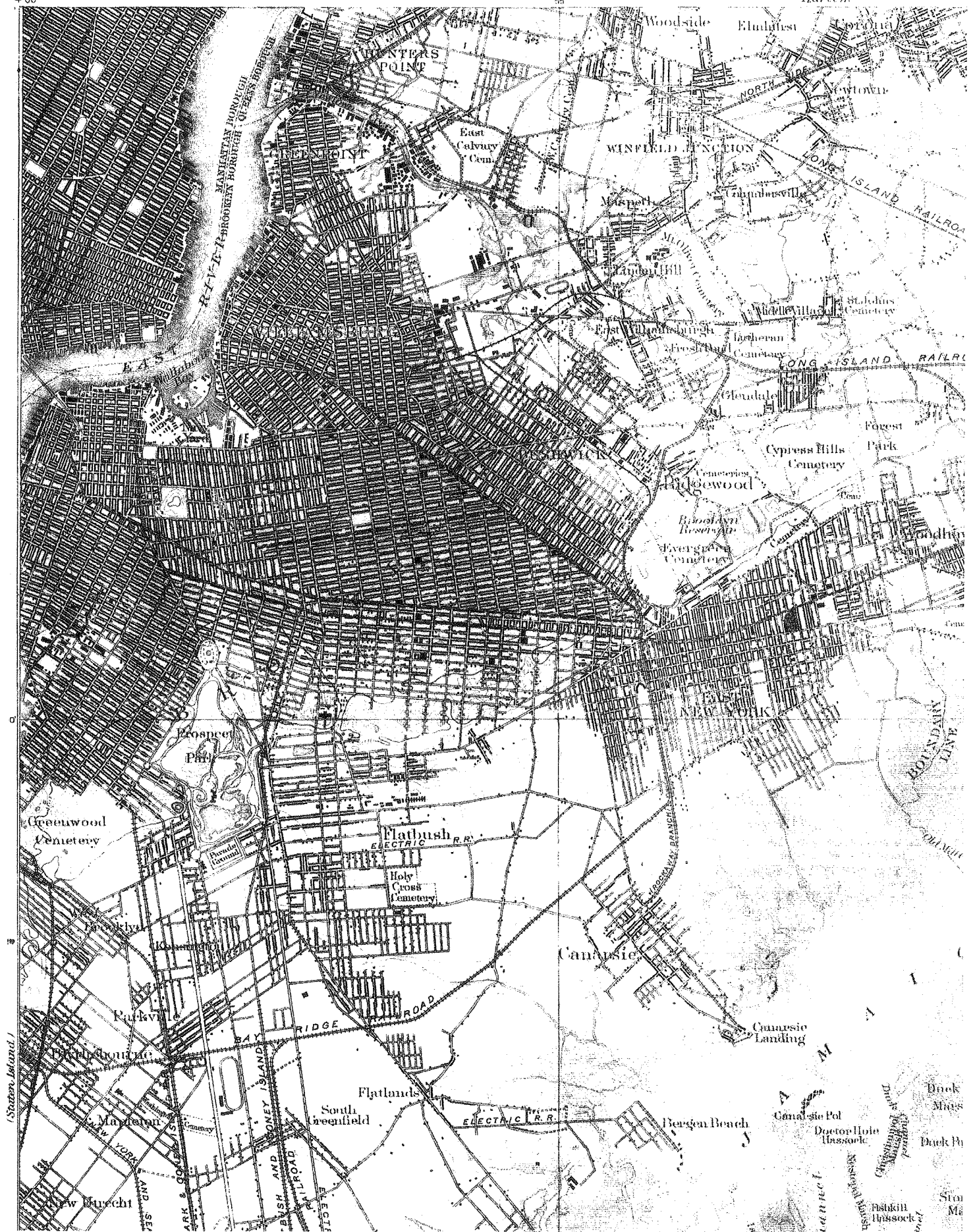




N^ EDR INQUIRY# 1700370.4 TARGET QUAD: BROOKLYN YEAR: 1967 Series: 7.5' Scale: 1:24,000







A summary of analytical detections for the six-subsurface soil samples is presented as Table 1. No VOCs or SVOCs were detected in soil sample B-01. The only VOCs detected in any of the samples were benzene and toluene in sample B-02, and benzene in sample B-03. However, these detections were below the NYSDEC TAGM Soil Cleanup Objectives.

Several SVOCs were detected in all of the soil samples except for sample B-01. This group of SVOCs known as PAHs were detected at levels generally in the hundreds to thousands of micrograms per kilogram (ug/kg) range of magnitude and in excess of NYSDEC RSCOs. In fact, every PAH compound with a RSCO of less than 3,000 ug/kg was detected in five of the six samples at levels in excess of recommended cleanup objectives. A complete copy of the original laboratory report is included as Appendix I. Based upon our visual inspection, field screening and soil sample results, no further action or investigation regarding subsurface soils surrounding the abandoned USTs is recommended.

10.0 SUMMARY OF PROFESSIONAL OPINION AND RECOMMENDATIONS

We have performed this Phase I and Limited Phase II Environmental Site Assessment in substantive conformance with the scope and limitations of ASTM Practice E 1527-05 for the Property located at 50-09 27th Street in Long Island City, New York. Any exceptions to, or deletions from, this practice are described in Section 2.3. Based upon the data acquired during the Site visit and inspection, through information obtained from regulatory agencies, responsible persons knowledgeable about the Property, and other historical information sources, and the results of limited Phase II testing.

Based upon the information reviewed for this ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property.

REC-1 According to records reviewed, two USTs at the subject Property were abandoned in 1998. However, the Property owner could not provide CA RICH with a UST Closure Report or other equivalent documentation illustrating that the tanks did not leak. CA RICH recommended sampling and testing of the subsurface soils surrounding these USTs (see Section 9.2).

Based upon the results received, it is evident that the onsite fill materials contain background levels of PAHs in excess of NYSDEC soil cleanup objectives. It is noted that the NYSDEC RSCOs are not promulgated standards, but rather guidelines to be considered on a case-by-case basis. The PAHs do not appear to be associated with any subsurface petroleum-related contamination observed in the locations of the on-site, abandoned underground storage tanks, but rather are associated with the presence of cinders and asphalt in the on-site fill and exposure of site soils to the urban environment.

Based upon the information developed through this limited testing activity, it is our opinion that the general range of magnitude of PAH concentrations measured in the soil/fill samples collected represents ubiquitous background levels for PAHs in and around this industrial Site. There is no evidence of significant petroleum contamination in the soils tested surrounding the abandoned USTs in this limited investigation.

REC-2 Based upon the reported age of the building and our walk-through inspection of the Property, suspect asbestos-containing materials (ACM) were observed and included drop-ceiling tiles, fitted ceiling tiles, vinyl floor tiles, boiler and piping insulation, corrugated transite roof sheeting, and flat built-up roofing materials (tar, tarpaper, roofing felts, flashing, etc.).

Results
of
Phase II
=>

No sampling or analysis was performed on any of the suspect materials as such testing was beyond the scope of our Assessment. The presence of asbestos can only be ascertained through analytical testing. All suspect ACM should be analytically tested prior to any construction or demolition activity that may disturb them. Also, all suspect ACM should be treated as ACM until proper analytical testing proves that asbestos is not present.

11.0 ASSESSMENT LIMITATIONS

The subsurface conditions of the entire Property were not field-investigated and were outside the scope of this Phase I ESA and therefore, may differ from the conditions implied by the surficial observations and reports prepared by others. As part of the Limited Phase II investigation of the subsurface soils around the abandon tanks at the subject Property, six soil samples were collected and analyzed for the evidence of contamination.

In addition, our conclusions regarding the potential environmental impact of nearby, off-site facilities on the subject Property are based upon readily available information from the environmental databases and the assumed shallow groundwater flow direction. A detailed file review of each facility was beyond the approved scope of work.

This Report is intended for the sole use of the parties as stated and may not be used or relied upon by any other party without the written consent of CA RICH. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

This concludes the discussion of this Phase I and Limited Phase II ESA for the subject Property. Additional detail, if needed, can be provided upon request.

Figures

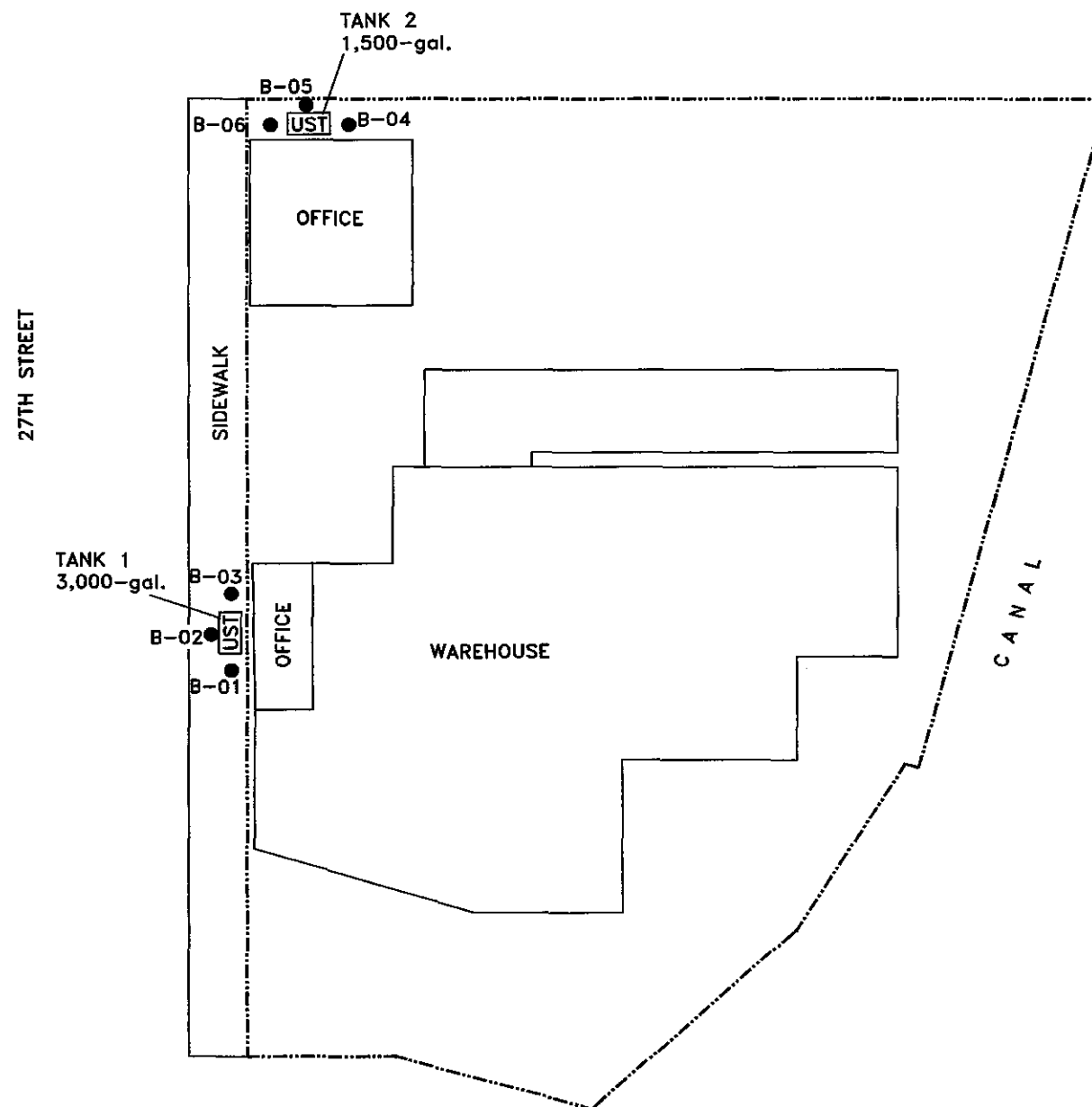
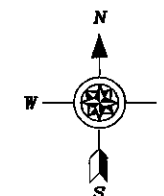
Figure 1 - Property Location Map
Figure 2 - Soil Boring Location Map

Tables

Table 1

Appendices

Appendix A - Selected Site Photographs (June 19, 2006)
Appendix B - Regulatory Database Search
Appendix C - Aerial Photographs
Appendix D - Topographic Maps
Appendix E - Sanborn Maps
Appendix F - City Directory
Appendix G - Foil Requests and Responses
Appendix H - Soil Boring Logs
Appendix I - Laboratory Results



LEGEND

- SOIL BORING LOCATION
- UST UNDERGROUND STORAGE TANK
- PROPERTY BOUNDARY

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, NY 11803

TITLE		DATE
SOIL BORING LOCATION MAP		10/5/06
FIGURE		SCALE
2		Not to Scale
DRAWING NO.		DRAWN BY:
2006-80a		S.T.M.
50-09 27TH STREET		APPR BY:
LONG ISLAND CITY, NEW YORK		M.T.Y.

TABLES

TABLE 1
Summary of Analytical Detections for
Soil Boring Samples
50-09 27th Street
Long Island City, New York

Sample ID	B-01 (4'-8')	B-02 (4'-8')	B-03 (4'-8')	B-04 (8'-12')	B-05 (8'-12')	B-06 (8'-12')	NYSDEC
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	TAGM*
Date Sampled	9/6/2006	9/6/2006	9/6/2006	9/6/2006	9/6/2006	9/6/2006	
Volatile Organics							
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Benzene	ND	35	30	ND	ND	ND	60
Toluene	ND	11	ND	ND	ND	ND	1,500
Semi-Volatile Organics							
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Acenaphthene	ND	ND	ND	540	660	1,200	50,000
Anthracene	ND	290	ND	1,300	930	3,600	50,000
Benzo(a)anthracene	ND	850	170 J	5,400	1,100	6,400	224
Benzo(a)pyrene	ND	780	340	4,400	910	6,200	61
Benzo(b)fluoranthene	ND	920	370	5,500	980	6,600	1,100
Benzo(g,h,i)perylene	ND	600	540	2,800	440	3,600	50,000
Benzo(k)fluoranthene	ND	310	170 J	2,300	450	2,400	1,100
Chrysene	ND	880	210	6,400	1,100	5,900	400
Dibenzo(a,h)anthracene	ND	ND	ND	840	ND	1,000	14
Fluoranthene	ND	1,700	220	16,000	3,800	18,000	50,000
Fluorene	ND	ND	ND	430	460	1,100	50,000
Indeno(1,2,3-c,d)pyrene	ND	560	330	2,500	400	3,100	3,200
Phenanthrene	ND	1,200	120 J	5,600	3,400	12,000	50,000
Pyrene	ND	1,600	240	15,000	3,000	16,000	50,000

Notes:

All concentrations are reported in micrograms per kilogram (ug/kg) or parts per billion.

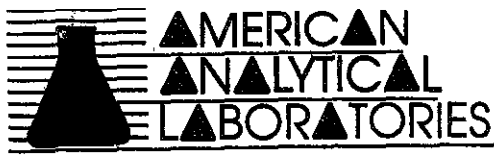
ND= Indicates the compound was analyzed for but not detected.

B= Analyte detected in the associated Method Blank

J = Analyte detected below quantitation limits

Box indicates that value is above NYSDEC TAGM Soil Cleanup Objectives .

* NYSDEC Technical and Administrative Guidance
Memorandum: Determination of Soil Cleanup
Objectives and Cleanup Levels; January 24, 1994.



NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, September 15, 2006

Michael Yager
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: PCS 50-09 27th St. Long Island City, N.Y.

Order No.: 0609048

Dear Michael Yager:

American Analytical Laboratories, LLC. received 6 sample(s) on 9/7/2006 for the analyses presented in the following report.

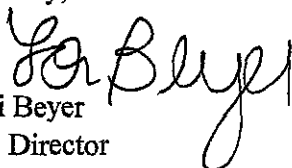
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,


Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT: CA Rich Consultants Inc.
Project: PCS 50-09 27th St. Long Island City, N.Y.
Lab Order: 0609048

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0609048-01A	B-01 [4-8]	11452	9/6/2006	9/7/2006
0609048-02A	B-02 [4-8]	11452	9/6/2006	9/7/2006
0609048-03A	B-03 [4-8]	11452	9/6/2006	9/7/2006
0609048-04A	B-04 [8-12]	11452	9/6/2006	9/7/2006
0609048-05A	B-05 [8-12]	11452	9/6/2006	9/7/2006
0609048-06A	B-06 [8-12]	11452	9/6/2006	9/7/2006

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100

FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: <ol style="list-style-type: none">(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT: CA Rich Consultants Inc.

Client Sample ID: B-01 [4-8]

Lab Order: 0609048

Tag Number: 11452

Project: PCS 50-09 27th St. Long Island City, N.Y.

Collection Date: 9/6/2006

Lab ID: 0609048-01A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
Percent Moisture	12.1	D2216 0		wt%	1	Analyst: PA 9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(a)anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(a)pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(b)fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(g,h,i)perylene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(k)fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Chrysene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Fluorene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Indeno(1,2,3-c,d)pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Phenanthrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
1,3,5-Trimethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
4-Isopropyltoluene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Benzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Ethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Isopropylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Methyl tert-butyl ether	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Naphthalene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
n-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
n-Propylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
o-Xylene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
sec-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
tert-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Toluene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
U Indicates the compound was analyzed for but not detected

E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT: CA Rich Consultants Inc.

Client Sample ID: B-02 [4-8]

Lab Order: 0609048

Tag Number: 11452

Project: PCS 50-09 27th St. Long Island City, N.Y.

Collection Date: 9/6/2006

Lab ID: 0609048-02A

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	15.9	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Anthracene	290	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(a)anthracene	850	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(a)pyrene	780	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(b)fluoranthene	920	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(g,h,i)perylene	600	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(k)fluoranthene	310	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Chrysene	880	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Fluoranthene	1700	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Fluorene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Indeno(1,2,3-c,d)pyrene	560	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Phenanthrene	1200	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Pyrene	1800	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
1,3,5-Trimethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
4-Isopropyltoluene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Benzene	35	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Ethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Isopropylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Methyl tert-butyl ether	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Naphthalene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
n-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
n-Propylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
o-Xylene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
sec-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
tert-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Toluene	11	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-03 [4-8]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-03A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
Percent Moisture	35.0	D2216	0	wt%	1	Analyst: PA 9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Anthracene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(a)anthracene	170	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(a)pyrene	340	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(b)fluoranthene	370	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(g,h,i)perylene	540	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(k)fluoranthene	170	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Chrysene	210	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Dibenzo(a,h)anthracene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Fluoranthene	220	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Fluorene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Indeno(1,2,3-c,d)pyrene	330	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Phenanthrene	120	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Pyrene	240	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
1,3,5-Trimethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
4-Isopropyltoluene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Benzene	30	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Ethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Isopropylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
m,p-Xylene	U	16		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Methyl tert-butyl ether	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Naphthalene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
n-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
n-Propylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
o-Xylene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
sec-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
tert-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Toluene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-04 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-04A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	20.9	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	540	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Anthracene	1300	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(a)anthracene	5400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(a)pyrene	4400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(b)fluoranthene	5500	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(g,h,i)perylene	2800	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(k)fluoranthene	2300	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Chrysene	6400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Dibenzo(a,h)anthracene	840	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Fluoranthene	16000	1500		µg/Kg-dry	10	9/12/2006 4:14:00 PM
Fluorene	430	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Indeno(1,2,3-c,d)pyrene	2500	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Phenanthrene	5600	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Pyrene	15000	1500		µg/Kg-dry	10	9/12/2006 4:14:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B		SW5030A		Analyst: LDS
1,2,4-Trimethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
1,3,5-Trimethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
4-Isopropyltoluene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Benzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Ethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Isopropylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Methyl tert-butyl ether	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Naphthalene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
n-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
n-Propylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
o-Xylene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
sec-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
tert-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Toluene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-05 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-05A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	40.1	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	660	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Anthracene	930	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(a)anthracene	1100	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(a)pyrene	910	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(b)fluoranthene	980	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(g,h,i)perylene	440	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(k)fluoranthene	450	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Chrysene	1100	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Dibenzo(a,h)anthracene	U	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Fluoranthene	3800	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Fluorene	460	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Indeno(1,2,3-c,d)pyrene	400	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Phenanthrene	3400	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Pyrene	3000	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
1,3,5-Trimethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
4-Isopropyltoluene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Benzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Ethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Isopropylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
m,p-Xylene	U	17		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Methyl tert-butyl ether	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Naphthalene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
n-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
n-Propylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
o-Xylene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
sec-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
tert-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Toluene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-06 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-06A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
Percent Moisture	21.0	D2216 0		wt%	1	Analyst: PA 9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	1200	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Anthracene	3600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(a)anthracene	6400	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(a)pyrene	6200	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(b)fluoranthene	6600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(g,h,i)perylene	3600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(k)fluoranthene	2400	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Chrysene	5900	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Dibenzo(a,h)anthracene	1000	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Fluoranthene	18000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
Fluorene	1100	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Indeno(1,2,3-c,d)pyrene	3100	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Phenanthrene	12000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
Pyrene	16000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
1,3,5-Trimethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
4-Isopropyltoluene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Benzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Ethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Isopropylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
m,p-Xylene	U	13		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Methyl tert-butyl ether	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Naphthalene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
n-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
n-Propylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
o-Xylene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
sec-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
tert-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Toluene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level



June 21, 2006

New York City Department of Health
125 Worth Street
Room 604
New York, New York 10013

Attn: Ms. Pat Caruso

Re: FOIL request for:

50-09 27th Street
Long Island City, New York

Dear Ms. Caruso:

CA Rich Consultants, Inc. requests a search of the files maintained by the Department for any and all environmental violations, actions, investigations, or documentation relating to the above-referenced properties. If any records are discovered by the Department, we respectfully request the opportunity to review them.

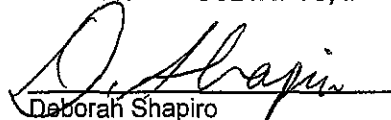
CA Rich makes this request to satisfy, in part, an environmental due diligence being performed on behalf of our client who has an interest in the environmental history of the property.

If you require additional information to carry out the search, please contact the undersigned.

Thank you for your attention to this matter.

Respectfully submitted,

CA RICH CONSULTANTS, INC.


Deborah Shapiro
Project Environmental Scientist



THE CITY OF NEW YORK

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
OFFICE OF ENVIRONMENTAL INVESTIGATIONS

Michael R. Bloomberg

Mayor

Thomas R. Frieden M.D., M.P.H.

Commissioner

nyc.gov/health

August 03, 2006

CA RICH
17 Dupont Street
Plainview, NY 11803

Request No.: 2006FR01845

Dear Sir/Madam Deborah Shapiro :

In Response to your recent request for record on:

50-09 27 Street Long Island City, New York

Please be advised that the Office for Environmental Investigations has "NO" record of an investigation at that address.

Sincerely,

Laurie Van Vynck

Laurie Van Vynck, Director

cc: Renee Bryant

/rpt3

OFFICE OF ENVIRONMENTAL INVESTIGATIONS
2 Lafayette Street, 11th Floor New York, NY 10007
Tel. (212) 442-3372 Fax (212) 442-3378



June 21, 2006

New York City Department of Environmental Protection
59-17 Junction Blvd.
Corona, New York 11368

Attention: Rena Bryant, Records Access Officer

Re: FOIL request for:

50-09 27th Street
Long Island City, New York

Dear Ms. Bryant:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all environmental violations, actions, or documentation on the above-referenced properties.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.


Deborah Shapiro
Project Environmental Scientist



**DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

59-17 Junction Boulevard
Flushing, New York 11375

**Emily Lloyd
Commissioner**

**Mark D. Hoffer
General Counsel**

**Bureau of Legal
Affairs**

Tel (718) 595-6555
Fax (718) 595-6543
mhoffer@dep.nyc.gov

www.nyc.gov/dep

8/23/2006

CA Rich
17 Dupont Street
Plainview, NY

RE: 50-09 27th St., Long Island City, N.Y

Dear Deborah Shapiro:

We hereby acknowledge receipt of your **Freedom of Information Law** request dated 6/21/2006 .

Your request is currently being reviewed by our agency. Due to increased volume in FOIL requests and a reduction in staff, it is anticipated that you will receive a response to your request in approximately 30 days.

If you have any questions, please call 718-595-6555. Be sure to have the Log Number and any other pertinent information available when you call.

Very truly yours,

Assistant Counsel

RB
Log # 20723



www.nyc.gov/dep

DIAL 311 Government Information
and Services for NYC

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF LEGAL AFFAIRS - LOG SHEET

BUCHMAN, GAIL ()
CHIN, MAY ()
DYCE, DENISE ()
ECKELS, MARCELLA ()
FINE, JOSHUA ()
GIORDANO, HOLLY ()
HOFFER, MARK ()
JACKSON, SANDY ()
LEVINE, ROBIN ()
PECUNIES, RUSS ()
PEDERSEN, ROBERTA ()

PENER, SARAH ()
PRERO, JUDAH ()
RESNICK, RISA ()
ROGAK, ELIZABETH ()
SCHIANO, FRANK ()
SCHWARTZ, BARRY ()
SHAMMOON, CHARLES ()
SIEGEL, MELISSA ()
SOLOMON, MELISSA ()
ZEMBLE, KAREN ()

LOG-IN

LOG NUMBER: 20723

ENTERED BY: R.B.

ENTRY DATE: 8/21/06

WHERE:

PROJECT: FOIL

COMPANY: CA Rich

PERSON: Shapiro, Deborah

DATE: 6-21-06

VIOL# CONTRACT# CLAIM#

KEYWORDS: Environmental records
50-09 270-57

DATE DUE:

COMMENTS:

LOG-OUT

DATE:

ENTERED BY:

WORK COMPLETED (Y/N)

REMARKS:

Send to: ASB
BCS

HM
ACCO

DANPE
Judah Prero

BWT

BWSO



June 21, 2006

NYSDEC
47-40 21st Street
Long Island City, New York 11101

ATTN: FOIL

**Re: Freedom of Information Law (FOIL) Request
for:**

**50-09 27th Street
Long Island City, New York**

To Whom it May Concern:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all environmental violations, actions, spills, or documentation for the above-referenced properties.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.

A handwritten signature in dark ink, appearing to read 'D. Shapiro', written over a horizontal line.

Deborah Shapiro
Project Environmental Scientist

New York State Department of Environmental Conservation
Division of Public Affairs and Education, Region 2
47-40 21ST Street, Long Island City, NY 11101
Phone: (718) 482-4507 • FAX: (718) 482-6729
Website: www.dec.state.ny.us



Denise M. Sheehan
Commissioner

Date: June 26 2006

FOIL # R2-06-806

Deborah Shapiro/CARICH Env Specialists
516-576-8844
Fax 516-576-0093

RE : 50-09 27th St in LIC, Queens

Dear Ms Shapiro:

We are in receipt of your Foil request for the above referenced site. The Foil identification number assigned is R2-06-806

If for any reason you need to contact us again please use that number. When the programs are done gathering the files/information this office will contact you.

Please expect our response within 20 days from the date of this letter.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

New York State Department of Environmental Conservation
Regional Enforcement Coordinator, Region 2, Regional Direction
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4507 • FAX: (718) 482-6729
Website: www.dec.state.ny.us



Denise Sheehan
Commissioner

Date: September 5, 2006

FOIL # R2-06-806

Deborah Shapiro/CARICH Env Specialists
516-576-8844
Fax 516-576-0093

RE: 50-09 27th St in LIC, Queens

Dear Mr. Shapiro:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, claims, investigations or inquiries.

☒ After a diligent search, no records could be located for the names and/or addresses you provided.

Thank you for your request. If additional information is needed, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or fax your response to me.

Sincerely yours,

Fawzy I Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator



June 30, 2006

New York City Fire Department
9 MetroTech Center
Brooklyn, New York 11201-3857

Attention: Public Records Unit/Tanks Section

Re: FOIL request for:

50-09 27th Street
Long Island City, New York

Dear Ms. Bryant:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all documentation regarding tanks including tank removals and abandonment on the above-referenced property.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read 'D. Shapiro', written over a horizontal line.

Deborah Shapiro
Project Environmental Scientist



FIRE DEPARTMENT - CITY OF NEW YORK
Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Tank Request Form



OFFICE USE ONLY

Cashier / Search No.

SECTION A

CUSTOMER INFORMATION

Please print your address and contact telephone number.

Deborah Shapiro
CA Rich Consultants, Inc.

Name
17 Duport Street

Address
Plainview, NY 11803

State Zip Code

316-576-8844

Telephone Number

Processing may take time, please choose one option below:

I will wait for it ☐ I will it pick-up ☐ Mail it to my address ☒

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order (made payable to the NYC Fire Department) and a self-addressed envelope (with postal stamp). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.** Cash payments can only be made in person and accepted by our Cashiers Office (9am - 3pm).

SECTION B

PLEASE PRINT THE ADDRESS TO BE SEARCHED.

50-09 27th Street, LIC, NY

House Number

Street Name

Queens

Borough

CUSTOMER - PLEASE READ THE INFORMATION BELOW.

A CERTIFIED REPORT WILL BE MAILED TO THE ADDRESS YOU HAVE PROVIDED WITHIN TEN (10) BUSINESS DAYS AFTER DATE SUBMITTED. COMPUTER PRINTOUTS WILL BE PROVIDED ONLY UPON REQUEST.

After you have received the certified report, you may request a certified computer printouts and/or a copy of any related record for an additional fee of \$0.25 (cents) / per page. The fee for individual copies can only be determined after this search has been completed and you have received the related report. All payments are non-refundable.

Note: All listed tank information come from records, which exist in the FDNY District Office folders and computer files. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies, unless a summons for "Failure to Comply" was issued.

SECTION C

FUEL (HEATING) OIL TANKS - FEE \$10.00 / PER REPORT

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

☒ ITEM 1 - THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS (includes installation date)

☒ ITEM 2 - THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS

☒ ITEM 3 - OTHER: Tank Affidavit showing any ^{tent}removals or abandonment

For Office Use Only - Do not write in this section.

Searched By: _____ Date: ____/____/____

(PLEASE SEE OTHER SIDE OF FORM)



CITY OF NEW YORK FIRE DEPARTMENT

Public Records Tank Search Report

Tuesday, August 08, 2006

Tanks - Mail In

DEBRA SHAPIRO

CA RICH CONSULTANTS INC

17 DUPONT STREET

PLAINVIEW NY 11803

Reference No.

516-576-8844

*Search Type Customer Requested	\$30 - Motor - Existing, Removed & Other		
*Search Address	50-09 27TH STREET		
*Borough	05 - Queens	*Payment Type	04-Cashier Receipt
*Payment No.	20905		
*Data Entry Status	Other - Please see comments below		
*Data Entered	8/23/2006	*Entered By	DJ

New Record

Dear Customer,

We have completed a search for the address and the requested information listed above. In the "Search Status" box below, we have listed the results and any additional comments we may have regarding the search.

Other - Please see comments below

NO RECORD / NO HISTORY

8/25/2006

DJ

Place FDNY Certification Stamp Below

THIS IS TO CERTIFY THAT
THIS IS A TRUE COPY OF
THE ORIGINAL DOCUMENT
ON FILE WITH FDNYEMS

SIGNATURE

IMPORTANT NOTICE: THIS REPORT IS NOT VALID WITHOUT
THE FDNY CERTIFICATION STAMP PLACED IN THIS BOX.

Supervisor's
SectionLetter
QueryLetter
PrintEntry
QueryPrint
EntryComplete
QueryComplete
Print

Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

IKG INDUSTRIES (Continued)

1000119430

Part B Recv Date: 930430
Generator EPA ID: NYD980772487
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00769
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD980772487
Facility Name: I K G INDUSTRIES
Facility Address: 5009 27TH STREET
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: I K G INDUSTRIES
Mailing Contact: WILLIAM BOSSOY
Mailing Address: 5009 27TH STREET
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 212-729-8810

[Click this hyperlink](#) while viewing on your computer to access 44 additional NY MANIFEST: record(s) in the EDR Site Report.

A2 IKG INDUSTRIES-50-09 27TH STREET
Target 50-09 27TH STREET
Property QUEENS, NY 11101

FINDS 1007815200
110019777491

Actual: 4 ft.
Site 2 of 3 in cluster A
FINDS:

Other Pertinent Environmental Activity Identified at Site:
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

A3 PATENT CONSTRUCTION SYSTEMS
Target 50-09 27TH STREET
Property LONG ISLAND CITY, NY 11101

UST U001838842
N/A

Actual: 4 ft.
Site 3 of 3 in cluster A

PBS UST:
PBS Number: 2-005347 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: PATENT CONSTRUCTION SYSTEMS
(718) 361-1866
Emergency Contact: KATHY RENNA

Tank Closure
Information

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PATENT CONSTRUCTION SYSTEMS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001838842

Total Tanks:	(718) 323-3491		
Owner:	0		
	HARSCO CORPORATION		
	CAMP HILL		
	CAMP HILL, PA 17011		
	(717) 763-7064		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HARSCO CORPORATION		
	CAMP HILL		
	CAMP HILL, PA 17011		
	(717) 763-7064		
Tank Status:	Closed - In Place		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	02/01/1998
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	05/01/1994	Next Test Date:	Not reported
Date Closed:	02/01/1998	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/03/1994
Old PBS Number:	Not reported	Expiration Date:	02/25/1998
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-005347	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	PATENT CONSTRUCTION SYSTEMS		
	(718) 361-1866		
Emergency Contact:	KATHY RENNA		
	(718) 323-3491		
Total Tanks:	0		
Owner:	HARSCO CORPORATION		
	CAMP HILL		
	CAMP HILL, PA 17011		
	(717) 763-7064		
Owner Type:	Corporate/Commercial		

Map ID
Direction
Distance
Distance (ft.)
Elevation



Site

Database(s)

EDR ID Number
EPA ID Number

PATENT CONSTRUCTION SYSTEMS (Continued)

U001838842

Owner Mark:	First Owner	
Owner Subtype:	Not reported	
Mailing Address:	HARSCO CORPORATION	
	CAMP HILL	
	CAMP HILL, PA 17011	
	(717) 763-7064	
Tank Status:	Closed - In Place	
Capacity (gals):	1500	
Tank Location:	UNDERGROUND	
Tank Id:	002	Install Date: 02/01/1998
Tank Type:	Steel/carbon steel	Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal: Not reported
Pipe Location:	1	Pipe Type: STEEL/IRON
Tank External:	Not reported	
Missing Data for Tank:	Minor Data Missing	
Pipe External:	Not reported	
Second Containment:	NONE	
Leak Detection:	NONE	
Overfill Prot:	Product Level Gauge	Dispenser: Suction
Date Tested:	05/01/1994	Next Test Date: Not reported
Date Closed:	02/01/1998	Test Method: HORNER
Deleted:	False	Updated: True
Dead Letter:	False	Owner Screen: No data missing
FAMT:	Fiscal amount for registration fee is correct	
Total Capacity:	0	Renewal Date: Not reported
Tank Screen:	0	Federal ID: Not reported
Renew Flag:	Renwal has not been printed	Facility Screen: No data missing
Certification Flag:	False	Certification Date: 06/03/1994
Old PBS Number:	Not reported	Expiration Date: 02/25/1998
Inspected Date:	Not reported	Inspector: Not reported
Inspection Result:	Not reported	
Lat/long:	Not reported	
Facility Type:	MANUFACTURING	
Town or City:	NEW YORK CITY	
Town or City Code:	01	
County Code:	63	
Region:	2	

B4
NW
< 1/8
176 ft.

50-12 27TH STREET
LONG ISLAND CITY, NY

NY Spills S104649114
NY Hist Spills N/A

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
8 ft.

SPILLS:

DER Facility ID : 111250
Site ID : 129008
Spill Number: 9902654
Investigator: TOMASELLO
Caller Name: DIANE JOSEPH
Caller Phone: (718) 232-2171
Notifier Name: CALLER
Notifier Phone: Not reported
Spill Date: 06/08/99
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9902654

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: PETER BUILT
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 06/08/99

DEC Region : 2



Privileged & Confidential

**Phase I Environmental Site Assessment
and
Limited Phase II**

**50-09 27th Street
Long Island City, New York**

October 5, 2006

Prepared For:

**Patent Construction Systems
One Mack Centre Drive
Paramus, NJ 07652**

Attn: Mr. Dayne Hill, Esq.

Prepared by:

**CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, NY 11803**



Privileged & Confidential

October 9, 2006

Patent Construction Systems

One Mack Centre Drive
Paramus, NJ 07652

Attn: Mr. Dayne Hill, Esq.

Re: Phase I Environmental Site Assessment
& Limited Phase II
50-09 27th Street
Long Island City, New York 11779

Dear Mr. Hill:

The following report summarizes a Phase I Environmental Site Assessment (ESA) and Limited Phase II of the above-referenced location (hereinafter referred to as the Property or the Site), performed by CA Rich Consultants, Inc. (CA RICH). The Phase I ESA and Limited Phase II were completed in substantive conformance with the scope and limitations of ASTM Practice E1527-05, which sets forth nationally accepted Phase I guidance criteria.

If you have any questions pertaining to this report, please feel free to contact the undersigned. We thank you for the opportunity to provide you with our professional environmental services.

Sincerely,

CA RICH CONSULTANTS, INC.

Michael Yager
Michael Yager
Project Manager

Reviewed by:

A handwritten signature in black ink, appearing to read 'Eric Weinstock'.

Eric A. Weinstock, CPG
Vice President

MTY:RJl/mm

Enclosure

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Figures

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Tables

Table 1

Appendices

Appendix A - Selected Site Photographs (June 19, 2006)
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1.0 EXECUTIVE SUMMARY

1.1 General

CA Rich Consultants, Inc. ("CA Rich") of Plainview, New York has completed this Phase I and Limited Phase II Environmental Site Assessment (ESA) of a Property located at 50-09 27th Street, Long Island City, New York (hereinafter referred to as the "Property" or "Site"). The Assessment was completed in substantive conformance with the suggested informational requirements, scope and limitations of the American Society for Testing & Materials (ASTM) prevailing Standard Practice E1527-05 for environmental site assessments. Any exceptions to, or deletions from, these practices are described in Section 2.3 of this Report.

The information and findings presented herein are based upon the data acquired during the Property visit, and through pertinent information obtained from regulatory agencies, responsible persons knowledgeable about the Property, and other historical information sources.

The Property located at 50-09 27th Street in Long Island City, New York is improved with a two-story "old" office building connected to a warehouse and a two-story "new" office building on a 2.84 acre lot. The "old" office building consists of approximately 51,000 square feet and the "new" office building consists of approximately 5,000 square feet. The Property is currently serviced with municipal sewer and water. Consolidated Edison provides electric and Keyspan provides natural gas.

Based upon the information reviewed for this Phase I ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property.

REC-1 According to records reviewed, two USTs at the subject Property were abandoned in 1998. However, the Property owner could not provide CA RICH with a UST Closure Report or other equivalent documentation illustrating that the tanks did not leak. Therefore, CA Rich recommended that soil borings be drilled around the abandoned tanks to determine if the soils surrounding the tank have been impacted. This limited investigation has been completed (see Section 9).

REC-2 Based upon the reported age of the building and our walk-through inspection of the Property, suspect asbestos-containing materials (ACM) were observed and included drop-ceiling tiles, fitted ceiling tiles, vinyl floor tiles, boiler and piping insulation, corrugated transite roof sheeting, and flat built-up roofing materials (tar, tarpaper, roofing felts, flashing, etc.).

No sampling or analysis was performed on any of the suspect materials as such testing was beyond the scope of our Assessment. The presence of asbestos can only be ascertained through analytical testing. All suspect ACM should be analytically tested prior to any construction or demolition activity that may disturb them. Also, all suspect ACM should be treated as ACM until proper analytical testing proves that asbestos is not present.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA is to identify the existing, suspected or perceived presence of ASTM-defined recognized environmental conditions (RECs) or historical recognized environmental conditions (HRECs) associated with the subject Property.

This assessment was conducted in substantive conformance with ASTM "*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*" E 1527-05 which is the nationally prevailing guidance designed to constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA 42 USC 9601 (35)(B). Consequently, this assessment investigates the historical land use and present-day condition of the Property in accordance with accepted standards prevailing within the lending industry and the environmental assessment profession. The term "*recognized environmental conditions*" or "*historical recognized environmental conditions*" does not include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of a local, State or Federal enforcement action if brought to the attention of appropriate regulatory agencies.

2.2 Detailed Scope of Service

CA RICH, as part of this Phase I ESA, performed the following general activities:

- Visual and physical walkover inspection of representative reasonably accessible areas of the subject Property by experienced CA Rich personnel, including observation and review of apparent present land use practices of adjacent properties and environs;
- Investigation of historical land use practices for the previous 50 years including review of aerial photographs, Sanborn® Maps, City Directories, and historical topographic maps, discussions with knowledgeable parties associated with the Property, and other readily available records or reports;
- Review and inquiry of relevant Federal and State environmental database records pertaining to the subject Property and properties located within an approximate minimum search distance for the purposes of identifying potential sources of any migrating hazardous substances or petroleum products; and
- Review of the Property's proximity to environmental or ecologically-sensitive areas or media (i.e.: wetlands, ponds, streams, ground water, etc.) using readily available and reasonably accessible records and maps published by the United States Geological Survey (USGS), and neighborhood reconnaissance.
- Limited Phase II testing including soil borings with soil sampling and analysis conducted on selected samples collected from boring locations surrounding the reported abandoned underground storage tanks (USTs) located on the Property.

2.3 Certification & Disclaimer

CA Rich performed this Phase I ESA of the subject Property in accordance with good commercial and customary practice and generally accepted protocols prevailing within the consulting industry as set forth in ASTM E1527-05. CA Rich has also included a review of non-ASTM issues for this assessment (i.e. asbestos, PCBs, radon gas, lead paint); otherwise there have been no intentional deviations or deletions from the practice in the conductance of this Assessment. The Assessment included a visual inspection of representative areas of the Property, the examination of readily ascertainable and practically reviewable public records concerning the current and prior use of the Property, and discussions with a responsible and knowledgeable party associated with this Property.

The findings and conclusions set forth in this environmental report are based upon limited information available to CA Rich during the assessment period. If new information becomes available concerning environmental impacts upon the Property after the date of this Report, the findings and conclusions contained herein may have to be modified. While this initial limited investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, CA Rich cannot guarantee that the Property, as presented, is completely free of hazardous substances or other materials or conditions that could subject the Owner(s) to potential liability. The presence or absence of any such condition can only be confirmed through the further collection and analysis of any stored waste materials, soils tests and/or groundwater quality tests, or physical investigations of suspect building-related facilities or material samples, or waste removal-related activities, etc., which is beyond the scope of this investigation, with exceptions as reported herein.

This assessment has been performed diligently in consideration of the accepted practices of the environmental assessment profession. CA Rich cannot completely warrant the integrity of property-wide conditions because there may remain unknown or hidden conditions that could not be revealed during the limited inspection performed to date. In addition, the undersigned certifying this Assessment Report cannot be held responsible for either innocent or intentional misrepresentations, inaccurate statements, claims, or information furnished to CA Rich regarding the environmental integrity of this Property.

Due to the limitations to the amount of time and resources that can be expended at this level of initial investigation, CA Rich also cannot guarantee that all existing Property information has been reviewed. As such, there may remain additional information or conditions which have not been discovered through the standard level of appropriate inquiry employed at this time. However, we do acknowledge that to the best of our belief, the information supplied in this Report is true, complete and correct, and that facts or figures that may have an adverse effect upon the validity of the findings developed herein have not purposely been omitted.

CA Rich has no existing or contemplated interest other than professional in this Assessment and neither its performance, nor compensation for same, is contingent upon the findings and/or recommendations represented herein.

3.0 FINDINGS

We have performed this Phase I Environmental Site Assessment in substantive conformance with the scope and limitations set forth in ASTM Practice E 1527-05 for the Property located at 50-09 27th Street in Long Island City, New York.

Based upon the information reviewed for this Phase I ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property.

REC-1 According to records reviewed, two USTs at the subject Property were abandoned in 1998. However, the Property owner could not provide CA RICH with a UST Closure Report or other equivalent documentation illustrating that the tanks did not leak. Therefore, CA Rich recommended that soil borings be drilled around the abandoned tanks to determine if the soils surrounding the tank have been impacted. This limited investigation has been completed (see Section 9).

REC-2 Based upon the reported age of the building and our walk-through inspection of the Property, suspect asbestos-containing materials (ACM) were observed and included drop-ceiling tiles, fitted ceiling tiles, vinyl floor tiles, boiler and piping insulation, corrugated transite roof sheeting, and flat built-up roofing materials (tar, tarpaper, roofing felts, flashing, etc.).

No sampling or analysis was performed on any of the suspect materials as such testing was beyond the scope of our Assessment. The presence of asbestos can only be ascertained through analytical testing. All suspect ACM should be analytically tested prior to any construction or demolition activity that may disturb them. Also, all suspect ACM should be treated as ACM until proper analytical testing proves that asbestos is not present.

4.0 PROPERTY DESCRIPTION

4.1 Location and Legal Description

The Property consists of a two-story "old" office building connected to a warehouse and a two-story "new" office building located on the east side of 27th Street near Borden Avenue in Long Island City, New York (Figure 1). The Tax Map Identification is Block: 113; Lot: 1.

4.2 Description of Property

The Property located at 50-09 27th Street in Long Island City, New York is improved with a two-story "old" office building connected to a warehouse and a two-story "new" office building on a 2.84 acre lot. The "old" office building consists of approximately 51,000 square feet and the "new" office building consists of approximately 5,000 square feet. The Property is currently serviced with municipal sewer and water. Consolidated Edison provides electric and Keyspan provides natural gas.

4.3 Current Uses of the Property

Currently, the subject Property is occupied by Patent Construction Systems who use the Property for the sales/rental, storage, maintenance, and repair of scaffolding, concrete forming and shoring products. Patent Construction Systems has occupied the Property since 1997. From 1904 to 1997, the Property was occupied by IKG industries, a manufacturer of Steel Grating.

4.4 Current Uses of Adjoining Properties

The Property is located in a mixed-use industrial/commercial section of Long Island City, New York. Specific neighboring property usage is outlined below:

North: Carey Warehouse
 South: Infinity Gentleman's Club
 East: Dutch Kills Creek
 West: UPS, Alpstone Inc., Vacant Lot, and Parking Lot

4.5 Site Geology

According to the United States Geological Survey (USGS Open File Report 81-1186; *Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York*; 1981), the Site is underlain by the unconsolidated Upper Glacial deposits of clay, sand, and gravel of Pleistocene age, which rest unconformably on crystalline bedrock of Precambrian to Ordovician geologic age.

No site-specific hydrogeological information is available concerning groundwater depth and flow direction. However, based upon review of USGS maps and reports, groundwater is expected to be at a depth of approximately 0-10 feet below land surface and likely flows to the southwest. It is noted that this information can only be confirmed through a site-specific hydrogeological study, which is beyond the scope of this Phase I ESA.

5.0 PROPERTY INSPECTION

5.1 General

Michael Yager of CA RICH inspected the subject Property on June 19, 2006. Mr. Carlos Vega and Mr. Aron Smith of Patent Construction Systems provided access. The inspection of the Property included a walkthrough of accessible interior areas as well as the general outside surrounding areas. In addition, photographs were taken to document Property observations at the time of the assessment. Selected photographs of the Property at the time of inspection are included in Appendix A.

5.2 Interior Observations

The interior inspection included all accessible areas of the "new" office building and the "old" office structure with the attached, inter-connected warehouse spaces. Interior building materials consisted of concrete, wood, carpet, vinyl and ceramic tile floors; plaster lathe, sheetrock, concrete, brick, block, stucco, wood panel ceramic tile and ceramic block walls; and fitted tile, drop tile, stucco, sheetrock, wood plank, and web joist/metal sheeted ceilings.

The "new" office building is used for sales, office administration, engineering and training. There is a slop sink in the boiler room of this building. Reportedly, all sinks and drains on the Property are connected to the municipal sewer system. This structure is built on a concrete slab with no basement.

The "old" office building is presently vacant. This structure is now primarily used for file storage. The inter-connected warehouse structures attached to this office building are used for the storage, maintenance and repair of the scaffolding, concrete forming and shoring products.

There are three concrete septic tanks with ejector pumps located in different areas of the warehouse spaces. A float switch activates the ejector pumps. Reportedly when these tanks fill-up, the contents are then pumped to the municipal sewer system. A suspended, rectangular water storage tank is also located in the warehouse area. This tank is used for the fire suppression system of the warehouse.

There is a rectangular dip tank located in the warehouse. The "dip" tank is empty and no longer used. This tank was previously used for the "dipping" of scaffolding for re-painting purposes. However, seven 55-gallon drums of waste paint from this process are currently staged on spill skids along the wall of the warehouse. Additionally, there are 20-25 one-gallon cans of latex paint in this section of the warehouse that are presently used for re-painting the scaffolding equipment.

Numerous 55-gallon drums of Bioform are located in the concrete form area of the warehouse. Bioform is 100% biodegradable and is a vegetable oil mix used to coat the concrete forms to keep concrete from sticking to the forms – Form Release Agent. There are also three 55-gallon drums and approximately six 5-gallon containers of hydraulic oil stored on spill skids in the warehouse area. The hydraulic oil is primarily used for oiling the cables that are rented out to the customers.

The warehouse section has several floor drains and numerous grated pipe chases and/or piping access channels. Reportedly all drains are connected to the municipal sewer system. There is also a sub-slab crawl space with some old contract file storage and sub-slab piping, and a sprinkler system. There is an approximate 4 ft x 20 ft x 6 ft grated concrete vault and an approximate 1 ft x 30 ft x 10 ft concrete channel located in the floor in the warehouse. The concrete vault previously contained acid and water dip tanks for some of the grates manufactured by IKG Industries. IKG Industries also previously used the concrete channel for the raising and lowering of grating while being riveted. Both of these concrete openings are empty with no staining and appear to be sound with no evidence of cracks and/or holes.

5.3 Exterior Observations

The exterior inspection consisted of the sidewalk frontage and yard area of the Property. The yard area is completely fenced with corrugated metal and razor wire. The yard is primarily used for the storage and distribution of scaffolding, concrete forming and shoring products. There are also numerous drums containing scrap metal and/or waste materials. There are four storm drains located in the yard area. The yard area is partially paved with asphalt and concrete pad areas. A steel cage in the yard contains eight propane cylinders, which are used for the forklifts on the Property.

5.4 Storage Tanks

Reportedly, two underground fuel oil storage tanks were abandoned in-place when the facility was converted to gas around 1998. The subject Property is identified on the UST database for a 3,000-gallon and 1,500-gallon fuel oil tank registered to Harsco Corporation (see Section 7.2). According to the NYSDEC database, both tanks were abandoned in-place in 1998.

5.5 Toxic / Hazardous Materials

Other than the materials identified in Sections 5.2 and 5.3, no toxic/hazardous materials were observed at the time of our inspection.

5.6 Proximity to Environmentally Hazardous Areas

The Property is situated within a mixed-use commercial/industrial area of Long Island City, New York. The computerized database records report 187 sites in the categories of government reported sites located in proximity to the Property in accordance with ASTM E 1527-05 approximate minimum search distances (Appendix B). Any locatable sites have been mapped on the radius search maps included in Appendix B and are discussed in further detail in Section 7.0 of this report.

5.7 Proximity to Environmentally Sensitive Areas

The Property is located within a long time established commercial/industrial setting in Long Island City, New York. The database map indicates that there are no public water supply wells located within one mile north of the Property. There are no on-site bodies of water, wetlands or other environmentally sensitive areas with the exception of the underlying soils and ground water. Dutch Kills Creek is located adjacent to the Property to the east and southeast. In addition, the subject Property is located within the 100-year and 500-year FEMA Flood Zones. Wetlands are mapped within ¼-mile radius of the subject Property.

6.0 HISTORICAL LAND USE PRACTICES

6.1 General

In order to further determine the past land use and the Property's developed use, aerial photographs, historical topographic maps, Sanborn® maps, and City Directory records were reviewed.

6.2 Aerial Photographs

The following table summarizes the findings of our review of aerial photographs.

Year	Description and Comments
1954	The Property and surrounding areas appear to be improved with structures.
1966	Same as the 1954 map.
1975	Same as the 1966 map.
1984	Same as the 1975 map.
1994	Same as the 1984 map.

A review of the available aerial photographs identifies that the subject Property and the surrounding area have been developed with buildings since at least 1954. Copies of the aerial photographs are attached to this report as Appendix C.

6.3 Topographic Maps

The following table summarizes the findings of the Topographic Map review.

Year	Description and Comments
1900	The subject Property and surrounding properties appear as undeveloped.
1947	The subject Property appears as developed.
1956	The subject Property and surrounding properties appear to be developed.
1967	The subject Property and surrounding properties appear to be developed.
1967-1979 (photorevised)	The subject Property and surrounding areas appear similar to 1967.
1995	The subject Property and surrounding areas appear similar to the 1967-1979 (photorevised) map.

Review of the historical topographical maps identified that the subject Property and the surrounding area have been developed since at least 1947. A copy of each topographic map is attached to this report as Appendix D.

6.4 Sanborn Maps

The following table summarizes the findings of our review of historical Sanborn Maps.

Year	Description and Comments
1898	The subject Property and surrounding properties appear undeveloped. The Canal is adjacent to the Property to the east.
1915	The subject Property is now developed as Irving Iron Works Co. The southern adjacent property now appears as Indian Refinery Co. The Canal has been renamed as Dutch Kills Creek.
1936	The building on the subject Property has been expanded. Additional Irving Iron Works Company buildings now appear, including a one-story oil storage building, paint storage building, and coal building. The southern adjacent property now appears as the First National Oil Corporation. The western adjacent properties now appear as Continuous Sales Corp. and Crew Levick Co. Gasoline and Oils.
1947	The subject Property appears as it did in 1936, except that the paint storage, coal and lockeyes building no longer appear. In addition, the building now appears as Irving Subway Grating Co. Inc. The midtown-highway now appears elevated across the southern portion of the Property. Southern and western adjacent properties are industrial, including the Peerless Oil and Chemical Company to the south.
1950	The subject Property appears as it did in 1947.
1970	The subject Property appears as it did in 1950, except that the oil storage building no longer appears and the western iron works building has been expanded. The southern adjacent property is now a warehouse. The northern adjacent property has now been developed as truck sales and service.
1977-1991	The subject Property appears as it did in 1970.
1992-1996	The subject Property appears as it did in 1991, except that it is no longer called Irving Subway Grating Co. Inc.

Review of available Sanborn® Maps indicate that the Property was initially developed prior to or during 1915 as Irving Iron Works Co. Copies of the Sanborn® Maps are attached to this report as Appendix E.

6.5 City Directory Records

A review of the City Directory indicates that 50-09 27th Street was occupied as early as 1934 as Irving Iron Works Company Inc. In 1939, the subject Property was listed in the City Directory as Irving Iron Works Co and Irving Subway Grating Co Inc. In 1945, the subject Property was listed in the City Directory as Corbetta Construction Co and Irving Subway Grating Co Inc. In 1962, the subject Property was listed as Irving Subway Grating Co. From 1967 through 1970, the subject Property was listed in the City Directory as Irving Subway Grating Co Div of Harsco Corp. From 1976 through 1991, the subject Property was listed in the research source as IKG Industries Div of Harsco Corp. In 2000, the subject Property was listed as Patent Construction Systems and Patent Scaffolding. In 1922, 1950, and 1996, the address was not listed in the research source. A copy of the City Directory Records is attached as Appendix F.

7.0 ENVIRONMENTAL AGENCY REVIEW

This Section discusses database records maintained by Federal, State and local environmental agencies for the Property and for sites located within an approximate minimum search distance. Available information was compiled from computerized database sources of regulatory agency records. The purpose of this database records review is to help assess the likelihood of problems from migrating hazardous substances or petroleum products. The minimum search distances are specified within ASTM Practice E 1527-05.

The database searches were conducted by EDR Sanborn, Inc. at the request of CA RICH on June 20, 2006 (Inquiry Number: 1700370). The existence of an actual toxic hazard at a specific site can be concluded only when government authorities make that determination or when that conclusion is fully documented by the findings of an appropriate site investigation undertaken by licensed professionals.

The resulting database information is briefly summarized below. Complete copies of the database report and radius maps are included in Appendix C. Additional site-specific information was requested by CA RICH under the provisions of the Freedom of Information Law (FOIL).

7.1 Federal Records

The number of ASTM federally listed database sites identified in proximity to the Property is tabulated below. The search categories and database review findings are discussed in greater detail below the summary table.

Federal ASTM Database Search Category	Approx. Minimum Search Distance	Subject Property	Total Sites Plotted
EPA National Priority List Sites (NPL)	1 mile	Not identified	0
EPA DELISTED NPL	1 mile	Not identified	0
EPA CERCLIS Sites	1/2 mile	Not identified	0
EPA CERCLIS-NFRAP	1/4 mile	Not identified	1
CORRACTS	1 mile	Not identified	4
RCRIS-TSD	1/2 mile	Not identified	0
RCRIS Lg. Quan. Gen.	1/4 mile	Not identified	1
RCRIS Sm. Quan. Gen.	1/4 mile	Identified	23
ERNS	TP	Not identified	0
FINDS	TP	Identified	0
CONSENT	1 mile	Not identified	0
ROD	1 mile	Not identified	0

◆ **EPA Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS), National Priorities List (NPL)**

The CERCLIS list is a compilation by the USEPA of sites that the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), commonly known as the Superfund Act.

Once sites are designated on the CERCLIS list, the USEPA uses its Hazard Ranking System to determine potential risks to human health and the environment. Those CERCLIS sites that present the greatest risk are placed on the National Priority List (NPL), which qualifies the sites to receive remedial funding.

The subject Property was not identified as a CERCLIS or NPL site. There are no CERCLIS sites located within the approximate search radius from the Property.

◆ **Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP)**

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was quickly removed without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat these investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities; states, private investors and affected citizens promote economic redevelopment of unproductive urban sites.

The subject Property is not identified as a CERCLIS-NFRAP site. There is one CERCLIS-NFRAP site, Manhattan Adhesives Plant, located within the approximate search radius from the Property. The Manhattan Adhesives Plant was archived on August 31, 1985.

◆ **Delisted National Priority List (Delisted NPL)**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425. (e), sites may be deleted from the NPL where no further response is appropriate.

The subject Property does not appear as a Delisted NPL site, and there are no Delisted NPL sites located within the approximate search radius from the Property.

♦ **Corrective Action Activity (CORRACTS)**

CORRACTS is a list of handlers with RCRA Corrective Action Activity. It reports which nationally defined corrective action core events have occurred for every handler that has had a corrective action activity.

The subject Property is not identified as a CORRACTS site. There are four CORRACTS sites located within the approximate search radius from the Property. Specifically, Quanta Resources Corp., Active Steel Drum Co. Inc., Kosan Industrial Corp., and Accurate Associates appear on the CORRACTS database.

Quanta Resources Corporation – 37-80 Review Avenue, Maspeth, Queens

Located approximately 0.25 - 0.5 miles southeast of the subject Property. Soil and groundwater contamination has been documented site-wide and approximately 500,000-gallons of waste oil are known to be present above the water table. However, Quanta Resources Corporation is hydrologically downgradient of the subject Property and therefore is unlikely to have had a negative impact on the Property.

Active Steel Drum Company Inc. – 52-30 34th Street, LIC, Queens

Located approximately 0.5 - one mile south southeast of the subject Property. In 2004, the Facility was assigned to a low corrective action priority. Based on the location of Active Steel Drum Company, Inc., it is unlikely to have had a negative impact on the Property.

Kosan Industrial Corp. – 5-49 49th Avenue, LIC, Queens

Located approximately 0.5 – one mile west northwest of the Property.

In 2004, the Facility was assigned to a low corrective action priority. Based on the location of Kosan Industrial Corp., it is unlikely to have had a negative impact on the Property.

Accurate Associates – 5-36 46th Road, LIC, Queens

Located approximately 0.5 – one mile west northwest of the Property.

The RCRA Requested Further Action (RFA) was completed at this site March 15, 1991. The determination of need for a Requested Further Investigation (RFI) was deemed not necessary in May of 1991. Based upon the information reviewed for this Report, the distance from the subject Property, and the presumed groundwater flow direction, Accurate Associates is unlikely to have had a negative impact on the Property.

♦ **Resource Conservation and Recovery Act (RCRA) (RCRIS-TSD)
Large and Small Quantity Generators (LQG/SQG)**

RCRA was enacted to regulate facilities that generate, store, transport, or dispose of hazardous waste. These facilities must file notification forms with the EPA, which maintain the records in the RCRA Information System (RCRIS) Notifiers database. Inclusion on the RCRIS list does not signify contamination or mishandling of hazardous materials by hazardous waste Notifiers. RCRIS-listed sites are not indicative of an environmental concern unless an actual hazard is known to exist.

The subject Property is identified on the RCRIS list as a SQG. The listing is due to former tenant, IKG Industries, operations. One generator-all requirements (oversight) violation from July 13, 1994 is listed for IKG Industries. Compliance was achieved on September 15, 1994.

There is one RCRIS-LQG and 23 RCRIS-SQG sites listed within the search radius of the Property. Database records indicate that these sites generally do not have outstanding violations and are in compliance with Federal regulations.

◆ **Emergency Response Notification System (ERNS)**

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. Pursuant to the ASTM Practice E 1527-97, the ERNS database is searched only for the subject Property.

The subject Property is not identified in the U.S. EPA ERNS database.

◆ **Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)**

The Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

The subject Property is listed in the U.S. EPA FINDS database due to former tenant IKG Industries operations. The following databases contain additional information regarding the Property: AFS, AIRS, CDS, NEDS, SAROAD, NCDB, FIFRA, and TSCA.

◆ **Records of Decision (ROD)**

ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid cleanup.

There have been no RODs documented for the subject Property. There are no RODs documented for sites within the approximate search radius from the Property.

◆ **EPA CERCLIS Consent Order**

A signed Order on Consent signifies major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites.

There have been no Consent Orders signed with respect to the subject Property. There are no documented Consent Orders reported within the approximate search radius from the Property.

7.2 State Records

The number of state-listed database sites identified in proximity to the Property is tabulated below. The search categories and database review findings are discussed in greater detail below the summary table.

State ASTM Database Search Category	Approx. Minimum Search Distance	Subject Property	Total Sites Plotted
NYS Inactive Hazardous Waste Sites (SHWS)	1 mile	Not identified	3
NYS Landfills	1/2 mile	Not identified	11
NYS Leaking Underground Storage Tanks (LTANKS)	1/2 mile	Not identified	28
NYS Registered Storage Tank (UST)	1/4 mile	Identified	12
NYS Chemical Bulk Storage Facilities (CBS UST)	1/4 mile	Not identified	0
NYS Major Oil Storage Facilities (MOSF UST)	1/2 mile	Not identified	2
NYS Hazardous Substance Waste Disposal Sites (HSWDS)	1/2 mile	Not identified	0
NYS Registered Storage Tank (AST)	1/4 mile	Not identified	10
NYS Chemical Bulk Storage Facilities (CBS AST)	1/4 mile	Not identified	1
NYS Major Oil Storage Facilities (MOSF AST)	1/2 mile	Not identified	2
NY Spills (NYSPILLS)	1/4 mile	Not identified	38
NY Manifest	1/4 mile	Identified	22

◆ New York State Inactive Hazardous Waste Sites (SHWS)

NYSDEC publishes an annual directory of Inactive Hazardous Waste Disposal Sites currently being investigated or requiring investigation. Sites are assigned a Classification number from 1 to 5. Class 1 sites are believed to be an imminent danger to the public health or environment and Class 5 sites have been properly closed and require no further action.

The subject Property is not identified as a SHWS site. There are three SHWS sites located within the approximate search radius from the Property, ROEHR Chemicals Inc., Quanta Resources, and Amtrak Sunnyside Yard.

ROEHR Chemicals Inc. – 52-20 37th Street, Long Island City, Queens

Located approximately 0.5 - one mile southeast of the subject Property. Xylene and Acetone contaminated groundwater is well documented at the Site. In addition, a narrow plume of Xylene contaminated groundwater has been documented leaving the Site and entering the Calvary Cemetery. A ROD was signed in 2001 selecting a No Further Action Remedy of continued Operations and Maintenance of an Air Sparge/Soil Vapor Extraction System (AS/SVE). The AS/SVE has reduced Xylene groundwater concentrations from 105 ppm to non-detect in most wells. Based on the information reviewed, and the regional groundwater flow direction, it is unlikely that ROEHR Chemicals Inc. has had a negative impact on the Property.

Quanta Resources Corporation – 37-80 Review Avenue, Maspeth, Queens

Located approximately 0.25 - 0.5 miles southeast of the subject Property. Soil and groundwater contamination has been documented site-wide and approximately 500,000-gallons of waste oil are known to be present above the water table. However, Quanta Resources Corporation is hydrologically downgradient of the subject Property and therefore is unlikely to have had a negative impact on the Property.

Amtrak Sunnyside Yard – 39-29 Honeywell Street, Long Island City, Queens
Located approximately 5136 feet north northeast of the subject Property. PCB, SVOCs, and Metals are present in the soil and groundwater beneath the Site. An IRM is on-going at the Site. Based on the location of the Yard to the subject Property, it is not likely to have had a negative impact on the subject Property.

◆ **New York State Landfills**

State landfill type records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

The subject Property is not identified as a solid waste disposal facility or landfill. There are 11 landfills located within the approximate search radius from the subject Property. These sites are under continued environmental management by New York State and as these sites are not located immediately adjacent to the subject Property, they are not likely to have had a direct negative impact on the Property.

◆ **New York State LUST Sites (LTANKS) and Spills (SPILLS)**

The Leaking Storage Tank Incident Reports contain an inventory of reported leaking storage tank reported from 4/1/86 through the most recent update. Causes of the incidents include tank test failures, tank failures and tank overfills or releases determined during the removal of USTs that have leaked.

The subject Property is not identified as a LTANKS or SPILLS site. There are 28 LTANKS and 38 SPILLS sites identified within .25 miles of the subject Property. These sites have been either cleaned up to the satisfaction of NYSDEC or are currently undergoing corrective action. Based upon information contained in Appendix C, there is no reasonable basis to conclude that the open spill case sites have had a direct negative impact on the subject Property.

◆ **New York State Registered Storage Tank List (UST/AST)**

New York State requires the registration of all bulk petroleum storage tank facilities with a combined storage capacity that is greater than 1,100 gallons and less than 400,000 gallons.

The subject Property is identified on the UST database for a 3,000-gallon and 1,500-gallon fuel oil tank registered to Harsco Corporation. Both tanks were abandoned in-place in 1998.

There are 12 UST and 10 AST sites located within approximately 0.25 miles of the subject Property. Based upon the information reviewed for this report the presence of these sites are not likely to have a direct negative impact to the subject Property.

◆ **New York State Chemical Bulk Storage Facilities (CBS UST/AST)**

New York State requires the registration of all facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185-gallons or greater, and/or in underground tanks of any size. The presence of Chemical Bulk Storage facilities does not indicate an area of environmental concern unless the tanks have leaked product into the subsurface.

The subject Property is not identified as a CBS UST/AST site. There is one CBS AST site, Anthony Concrete, located within the approximate search radius from the Property. Based on the information reviewed in the database, it is unlikely that Anthony Concrete has had a negative impact on the subject Property.

◆ **New York State Major Oil Storage Facilities (MOSF UST/AST)**

These are facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

The subject Property is not identified on the MOSF UST/AST list. There are two MOSF UST/AST sites, Getty Terminals Corporation and Metro Terminals Corp., located within approximately 0.5 miles of the subject Property. Based on the information reviewed in this report, it is unlikely that these properties have had a negative impact on the subject Property.

◆ **New York State Hazardous Substance Waste Disposal Sites (HSWDS)**

The Hazardous Substance Waste Disposal Site Inventory includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites, which the U.S. EPA Preliminary Assessment reports or Site Investigation reports were prepared.

The subject Property is not identified as a HSWDS site and there are no HSWDS sites located within the approximate search radius from the Property.

◆ **New York Manifest (NY Manifest)**

NY Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

The subject Property is identified as a NY Manifest site for two drums of D001 – Non-Listed Ignitable Wastes that were disposed of by IKG Industries under EPA ID#NYD980772487 in 1993. Based on the information reviewed in the database, the disposal of this material is not anticipated to have had a negative impact on the subject Property.

◆ **Orphan Sites**

The Federal and State database records search also revealed the presence of 48 sites that were not mapped. These sites are listed on page 278-279 of Appendix B. A general review of these sites indicates records for NY-Spill and Hist Spill sites, Manifest, FINDS, RCRA SQG, UST, LTANKS and ERNS. However, based on the limited information reviewed for this report, there is no indication that these Orphan Sites represent a significant environmental liability to the subject Property.

7.3 Local Records

New York City Department of Health and Mental Hygiene (NYCDOH)

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York City Department of Health and Mental Hygiene (NYCDOH) records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. The City of New York Department of Health and Mental Hygiene, Office of Environmental Investigations has reported no records of an investigation at the subject Property. Copies of FOIL Requests and responses are included as Appendix G.

New York City Department of Environmental Protection (NYCDEP)

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York City Department of Environmental Protection (NYCDEP) records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. We have been advised by the NYCDEP Bureau of Legal Affairs that there are no records for the subject Property at this bureau. Copies of FOIL Requests and responses are included as Appendix G.

New York State Department of Environmental Conservation (NYSDEC)

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York State Department of Environmental Conservation (NYSDEC) records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. The NYSDEC/Region 2 office has reported no records on file for the subject Property. Copies of FOIL Requests and responses are included as Appendix G.

New York City Fire Department (NYCFD)

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York City Fire Department (NYCFD) records for information regarding storage tanks. On August 14, 2006, Deborah Shapiro from CA RICH visited the NYCFD to review department records. According to NYCFD, no records regarding the subject Property were found. A copy of the response to our file review is included as Appendix G.

New York City Department of Buildings (NYCDOB)

CA RICH conducted a search of the New York City Department of Buildings (NYCDOB) building information search database. According to the database, the subject Property currently consists of a Warehouse (E9). A Certificate of Occupancy (CO) was found for the subject Property; however, the CO was illegible. In addition, five active NYCDOB violations relating to the boiler and sign erection and one active ECB violation for "Work Without A Permit" were listed for the subject Property. Copies of all records found are enclosed as Appendix G.

New York City Department of Finance (NYCDOF)

CA RICH conducted a search of the New York City Department of Finance (NYCDOF) ACRIS database. According to the database, a Restrictive Declaration was submitted to New York City on May 7, 1999 regarding erecting an advertising sign. In addition, an Appropriation of Property by the People of the State of New York was submitted on September 18, 1997. Copies of all records found are enclosed as Appendix G.

8.0 ADDITIONAL CONSIDERATIONS

8.1 Asbestos

Until the late 1970s, asbestos was used in, but not limited to, insulating materials, fireproofing, roofing, flooring, and decorative building materials. The U.S. EPA defines asbestos material as any material containing greater than 1-% asbestos by weight. Asbestos-containing materials (ACM), in a form which can crumble or be reduced to powder under hand pressure (friable), can release asbestos fibers which are proven to be carcinogenic and cause respiratory illness. The presence of asbestos in a building does not mean that the health of building occupants is necessarily endangered. As long as ACM remains in good condition and is not disturbed, exposure to asbestos fibers is unlikely.

Suspect ACM observed during the walk-through inspection of the buildings included drop-ceiling tiles, fitted ceiling tiles, vinyl floor tiles, boiler and piping insulation, corrugated transite roof sheeting, and flat built-up roofing materials (tar, tarpaper, roofing felts, flashing, etc.).

No sampling or analysis was performed on any of the suspect materials as such testing was beyond the scope of our Assessment. The presence of asbestos can only be ascertained through analytical testing. All suspect ACM should be analytically tested prior to any construction or demolition activity that may disturb them. Also, all suspect ACM should be treated as ACM until proper analytical testing proves that asbestos is not present.

8.2 Polychlorinated Biphenyl's (PCBs)

Polychlorinated biphenyl's (PCBs) have commonly been used as dielectric (insulating) fluids in transformers, capacitors and fluorescent light ballasts up through the 1970's. PCB dielectric fluid, if released or ignited from a leaking or malfunctioning transformer, could present a hazard. Research has shown that short-term exposure to PCBs may induce reactions such as eye irritation, skin swelling, and gastrointestinal disturbances. With chronic exposure, PCBs are believed to be carcinogenic.

The electrical equipment observed on the Property included a Consolidated Edison transformer located beneath a perforated manhole in a vault next to the "old" office building along 27th Street. In addition, it is suspected that many of the older fluorescent lights in the building may date to pre-1979. Small capacitor light ballasts are not considered a "listed hazardous waste" in New York State and the disposal of non-leaking, PCB-containing light ballasts are not regulated under the Toxics Substances Control Act (TSCA). A general inspection of the ballasts did not identify leaks or stains. However, future construction or demolition activities, which require the removal of the existing light fixtures, should examine the ballasts to determine if they are PCB-containing prior to their disposal.

8.3 Radon Gas

Radon is a naturally occurring, invisible, odorless, carcinogenic gas that is generated by the decay of radioactive elements found in certain crystalline rock types or derivatives thereof. Inhalation of radon gas represents the principal exposure pathway. In outdoor air, radon is diluted to such low concentrations that it does not pose a health hazard. However, once inside an enclosed space such as basements, pipe chases, drains and foundation crawl spaces, radon gas may accumulate to dangerous concentrations. Confirmation of the presence or absence of radon gas is possible through testing.

Based upon our review of geologic maps prepared by the United States Geological Survey and the findings of an EPA Residential Radon Survey (Appendix C, page A-34), naturally occurring radon gas contamination at levels that would be a concern at the Property is unlikely.

8.4 Lead Paint

Research has shown that, when ingested, lead can cause permanent neurological problems and brain damage. Federal regulations were promulgated in 1978 that ban the sale of paint containing more than 0.06 percent lead by weight. Consequently, any paint known to contain lead in excess of 0.06 percent is considered to be lead-based.

The painted surfaces throughout the building were observed to be in fair to poor condition with significant peeling in some areas of the warehouse. Based upon the age of the structure it is possible that lead may be present in covered layers of paint present throughout the Site.

9.0 LIMITED PHASE II INVESTIGATION

9.1 General

Based upon the lack of documentation illustrating that the abandoned tanks at the Property did not leak, the subsurface soils around the tanks were further investigated to determine whether fuel-related contamination was present.

9.2 Soil Sampling

On September 6, 2006, six soil borings were drilled at the subject Property to the groundwater interface via a Geoprobe™. The six soil borings were drilled at three locations surrounding each of the two USTs. The UST locations were identified by the current operator at the Property – Patent Construction Systems. Both of the USTs were located adjacent to a structure which logistically only allowed for three surrounding soil borings for each tank. Additionally, no soil sampling was performed directly below either tank. The soil boring locations are illustrated in Figure 2. An environmental scientist supervised all drilling activities; logged soil lithology, and screened the soil samples via a photoionization detector (PID).

Overall, the subsurface soil conditions consisted of urban fill materials including concrete, brick, asphalt, cinders, concrete, wood, and other anthropogenic debris combined with soil, sand and gravel; followed by an organic peat layer. This type of fill material oftentimes contains ubiquitous background concentrations of base neutral organic compounds referred to as polynuclear aromatic hydrocarbons (PAHs) at levels in excess of NYSDEC recommended soil cleanup objectives (RSCOs). PAHs are found as impurities in fuel and fuel oil. They are also products of incomplete combustion of fossil fuels and fossil fuel derivatives. Sources of background levels of PAHs in fill from industrial or urban areas include stack emissions, automobile exhaust, cinders and asphalt. Soil boring logs are presented in Appendix H.

One soil sample from each boring was collected for laboratory analysis. Inspection of the soil samples collected did not reveal any obvious signs of petroleum contamination. Additionally, there were no elevated PID readings for any of these soil samples. Therefore, the soil samples at the soil/groundwater interface were submitted under Chain of Custody Documentation to American Analytical Laboratories of Farmingdale, New York (a New York State certified laboratory). The six samples collected from the areas of the two USTs were analyzed for volatile organic compounds (VOCs) (NYSDEC STARS Memo – Table 2) and semi-volatile organic compounds (SVOCs) (NYSDEC STARS Memo – Table 2) via EPA Method 8260 and 8270, respectively.

A summary of analytical detections for the six-subsurface soil samples is presented as Table 1. No VOCs or SVOCs were detected in soil sample B-01. The only VOCs detected in any of the samples were benzene and toluene in sample B-02, and benzene in sample B-03. However, these detections were below the NYSDEC TAGM Soil Cleanup Objectives.

Several SVOCs were detected in all of the soil samples except for sample B-01. This group of SVOCs known as PAHs were detected at levels generally in the hundreds to thousands of micrograms per kilogram (ug/kg) range of magnitude and in excess of NYSDEC RSCOs. In fact, every PAH compound with a RSCO of less than 3,000 ug/kg was detected in five of the six samples at levels in excess of recommended cleanup objectives. A complete copy of the original laboratory report is included as Appendix I. Based upon our visual inspection, field screening and soil sample results, no further action or investigation regarding subsurface soils surrounding the abandoned USTs is recommended.

10.0 SUMMARY OF PROFESSIONAL OPINION AND RECOMMENDATIONS

We have performed this Phase I and Limited Phase II Environmental Site Assessment in substantive conformance with the scope and limitations of ASTM Practice E 1527-05 for the Property located at 50-09 27th Street in Long Island City, New York. Any exceptions to, or deletions from, this practice are described in Section 2.3. Based upon the data acquired during the Site visit and inspection, through information obtained from regulatory agencies, responsible persons knowledgeable about the Property, and other historical information sources, and the results of limited Phase II testing.

Based upon the information reviewed for this ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property.

REC-1 According to records reviewed, two USTs at the subject Property were abandoned in 1998. However, the Property owner could not provide CA RICH with a UST Closure Report or other equivalent documentation illustrating that the tanks did not leak. CA RICH recommended sampling and testing of the subsurface soils surrounding these USTs (see Section 9.2).

Based upon the results received, it is evident that the onsite fill materials contain background levels of PAHs in excess of NYSDEC soil cleanup objectives. It is noted that the NYSDEC RSCOs are not promulgated standards, but rather guidelines to be considered on a case-by-case basis. The PAHs do not appear to be associated with any subsurface petroleum-related contamination observed in the locations of the on-site, abandoned underground storage tanks, but rather are associated with the presence of cinders and asphalt in the on-site fill and exposure of site soils to the urban environment.

Based upon the information developed through this limited testing activity, it is our opinion that the general range of magnitude of PAH concentrations measured in the soil/fill samples collected represents ubiquitous background levels for PAHs in and around this industrial Site. There is no evidence of significant petroleum contamination in the soils tested surrounding the abandoned USTs in this limited investigation.

REC-2 Based upon the reported age of the building and our walk-through inspection of the Property, suspect asbestos-containing materials (ACM) were observed and included drop-ceiling tiles, fitted ceiling tiles, vinyl floor tiles, boiler and piping insulation, corrugated transite roof sheeting, and flat built-up roofing materials (tar, tarpaper, roofing felts, flashing, etc.).

No sampling or analysis was performed on any of the suspect materials as such testing was beyond the scope of our Assessment. The presence of asbestos can only be ascertained through analytical testing. All suspect ACM should be analytically tested prior to any construction or demolition activity that may disturb them. Also, all suspect ACM should be treated as ACM until proper analytical testing proves that asbestos is not present.

11.0 ASSESSMENT LIMITATIONS

The subsurface conditions of the entire Property were not field-investigated and were outside the scope of this Phase I ESA and therefore, may differ from the conditions implied by the surficial observations and reports prepared by others. As part of the Limited Phase II investigation of the subsurface soils around the abandon tanks at the subject Property, six soil samples were collected and analyzed for the evidence of contamination.

In addition, our conclusions regarding the potential environmental impact of nearby, off-site facilities on the subject Property are based upon readily available information from the environmental databases and the assumed shallow groundwater flow direction. A detailed file review of each facility was beyond the approved scope of work.

This Report is intended for the sole use of the parties as stated and may not be used or relied upon by any other party without the written consent of CA RICH. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

This concludes the discussion of this Phase I and Limited Phase II ESA for the subject Property. Additional detail, if needed, can be provided upon request.

Figures

Figure 1 - Property Location Map
Figure 2 - Soil Boring Location Map

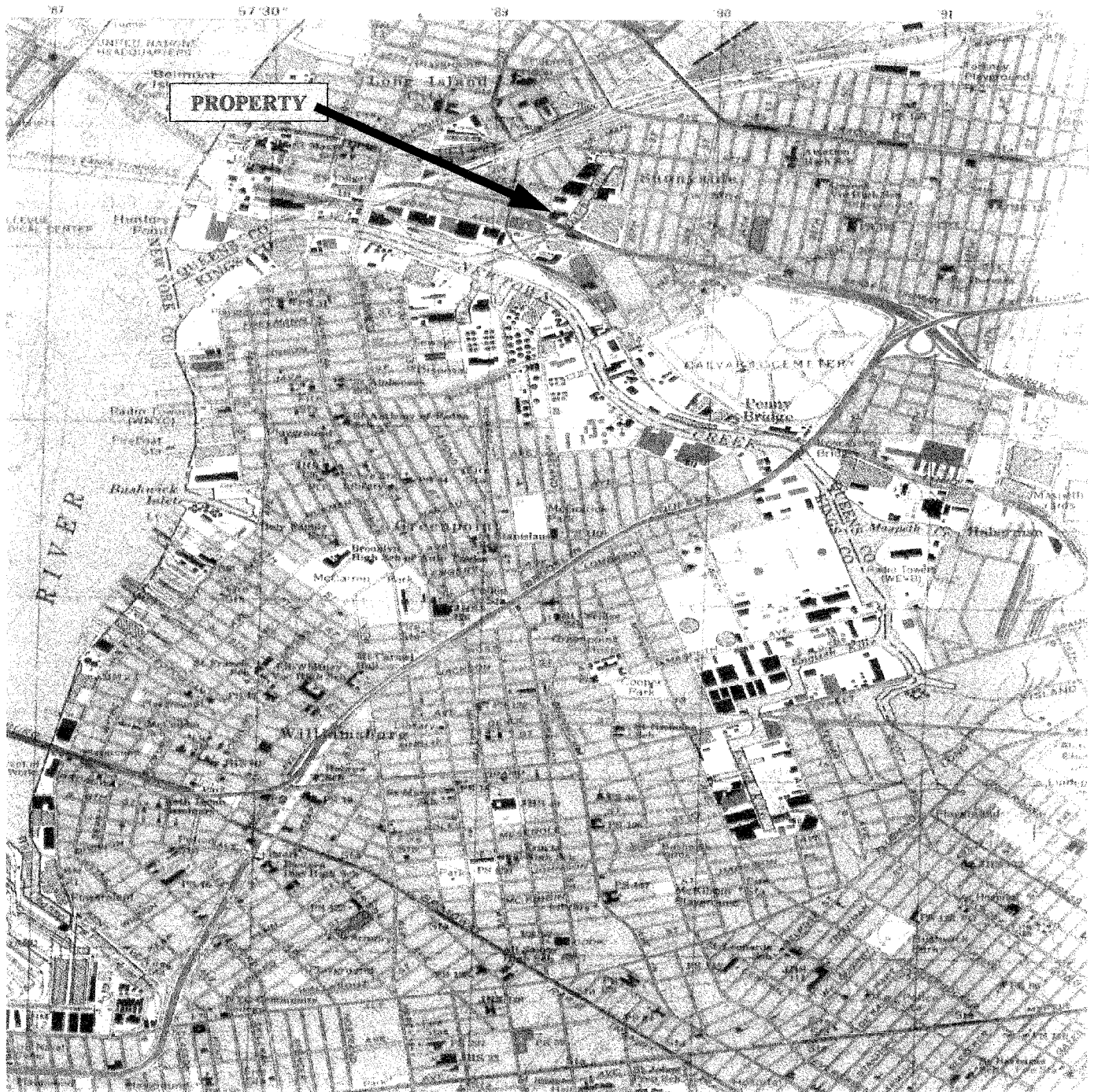
Tables

Table 1

Appendices

Appendix A - Selected Site Photographs (June 19, 2006)
Appendix B - Regulatory Database Search
Appendix C - Aerial Photographs
Appendix D - Topographic Maps
Appendix E - Sanborn Maps
Appendix F - City Directory
Appendix G - Foil Requests and Responses
Appendix H - Soil Boring Logs
Appendix I - Laboratory Results

FIGURES



NAD EDR INQUIRY# 1700370 4 TARGET QUAD: BROOKLYN YEAR: 1995 Series: 7.5' Scale: 1:24,000

APPROX. SCALE (ft.)



CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists

17 Dupont Street, Plainview, NY 11803

TITLE:

PROPERTY LOCATION MAP

DATE:

9/4/06

SCALE:

AS SHOWN

FIGURE:

1

DRAWN BY:

DS

DRAWING:

**50-09 27th Street
Long Island City, NY**

APPR. BY:

EAW

Adapted from USGS Brooklyn, New York Quadrangle
1995

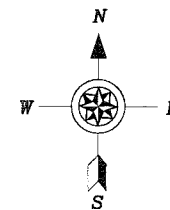
27TH STREET

SIDEWALK

OFFICE

WAREHOUSE

CANAL



LEGEND

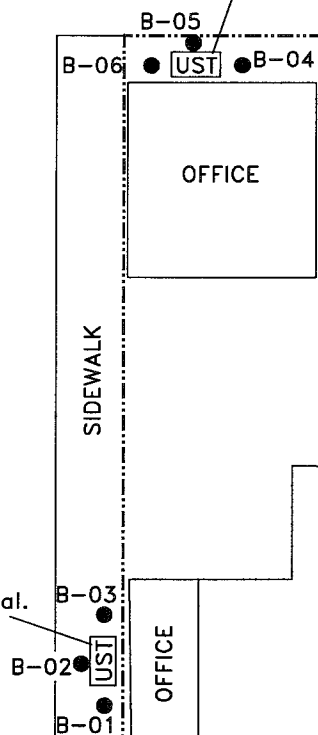
● SOIL BORING LOCATION

UST UNDERGROUND STORAGE TANK

----- PROPERTY BOUNDARY

TANK 1
3,000-gal.

TANK 2
1,500-gal.



CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, NY 11803

TITLE:		DATE:
SOIL BORING LOCATION MAP		10/5/06
		SCALE:
FIGURE:		Not to Scale
2		DRAWN BY:
DRAWING NO:		S.T.M.
2006-80a		APPR BY:
50-09 27TH STREET		M.T.Y.
LONG ISLAND CITY, NEW YORK		

TABLES

TABLE 1
Summary of Analytical Detections for
Soil Boring Samples
50-09 27th Street
Long Island City, New York

Sample ID	B-01 (4'-8')	B-02 (4'-8')	B-03 (4'-8')	B-04 (8'-12')	B-05 (8'-12')	B-06 (8'-12')	NYSDEC
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	TAGM*
Date Sampled	9/6/2006	9/6/2006	9/6/2006	9/6/2006	9/6/2006	9/6/2006	
Volatile Organics							
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Benzene	ND	35	30	ND	ND	ND	60
Toluene	ND	11	ND	ND	ND	ND	1,500
Semi-Volatile Organics							
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Acenaphthene	ND	ND	ND	540	660	1,200	50,000
Anthracene	ND	290	ND	1,300	930	3,600	50,000
Benzo(a)anthracene	ND	850	170 J	5,400	1,100	6,400	224
Benzo(a)pyrene	ND	780	340	4,400	910	6,200	61
Benzo(b)fluoranthene	ND	920	370	5,500	980	6,600	1,100
Benzo(g,h,i)perylene	ND	600	540	2,800	440	3,600	50,000
Benzo(k)fluoranthene	ND	310	170 J	2,300	450	2,400	1,100
Chrysene	ND	880	210	6,400	1,100	5,900	400
Dibenzo(a,h)anthracene	ND	ND	ND	840	ND	1,000	14
Fluoranthene	ND	1,700	220	16,000	3,800	18,000	50,000
Fluorene	ND	ND	ND	430	460	1,100	50,000
Indeno(1,2,3-c,d)pyrene	ND	560	330	2,500	400	3,100	3,200
Phenanthrene	ND	1,200	120 J	5,600	3,400	12,000	50,000
Pyrene	ND	1,600	240	15,000	3,000	16,000	50,000

Notes:

All concentrations are reported in micrograms per kilogram (ug/kg) or parts per billion.

ND= Indicates the compound was analyzed for but not detected.

B= Analyte detected in the associated Method Blank

J = Analyte detected below quantitation limits

Box indicates that value is above NYSDEC TAGM Soil Cleanup Objectives .

* NYSDEC Technical and Administrative Guidance
Memorandum: Determination of Soil Cleanup
Objectives and Cleanup Levels; January 24, 1994.

APPENDIX A

Selected Site Photographs (June 19 & September 6, 2006)



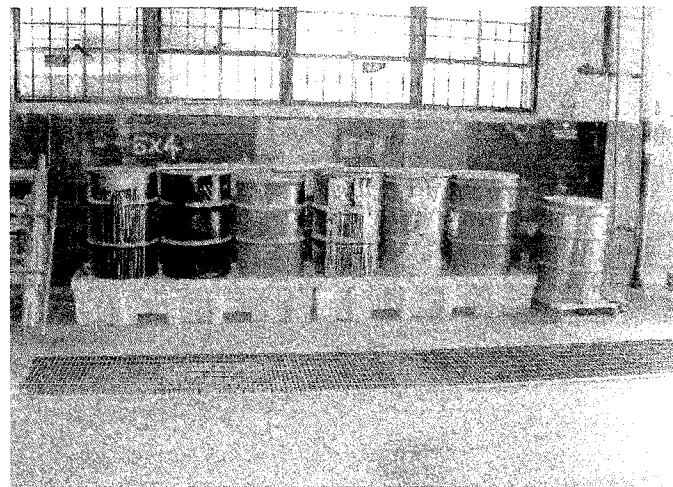
Front view of the 'new' office building on the Property at 50-09 27th St, LIC, NY.



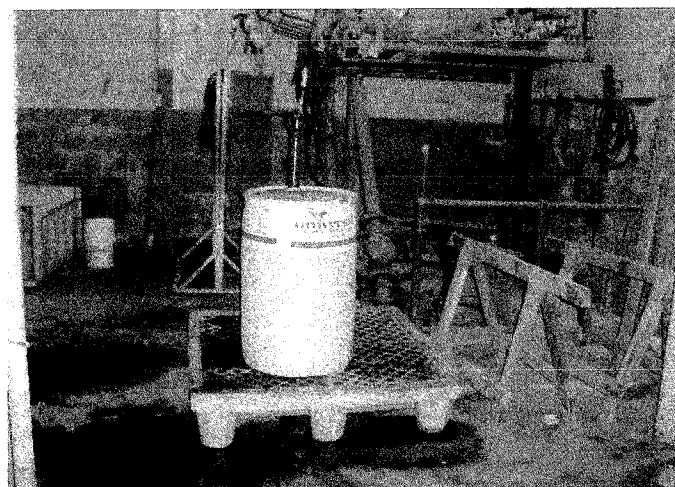
Front view of the 'old' office building on the Property at 50-09 27th St, LIC, NY.



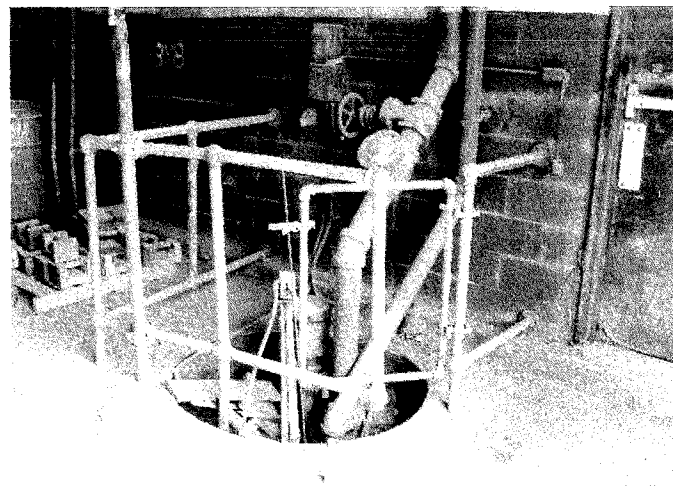
Property entrance off of 27th Street.



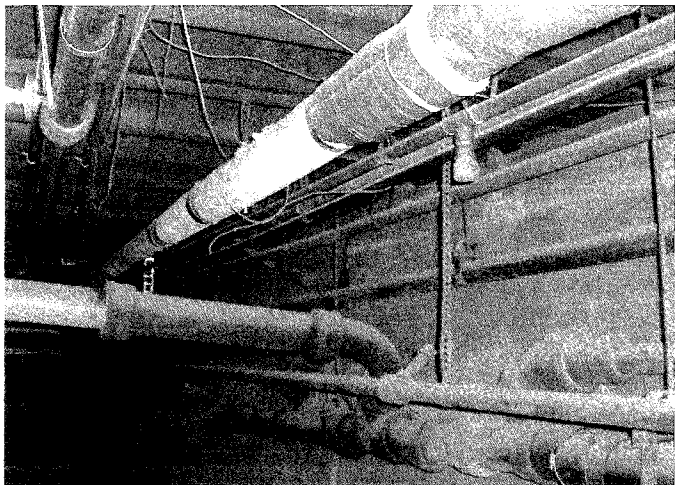
Drums of waste paint staged on spill skids in the warehouse area.



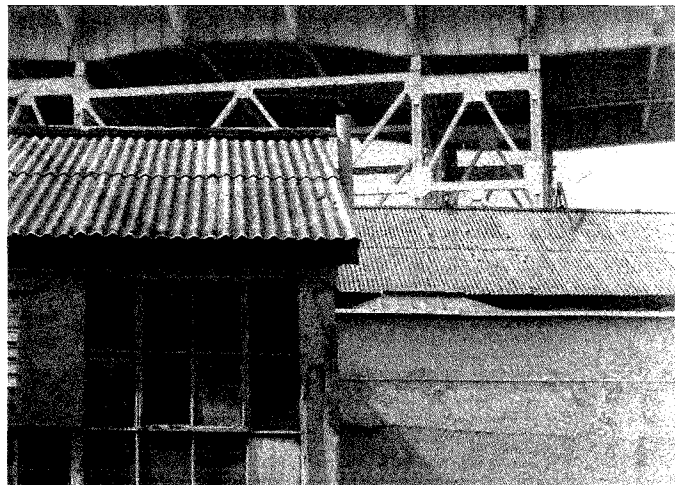
Drum of Bioform on spill skid in warehouse.



One of three concrete septic tanks with ejector pumps located in the warehouse areas.



Suspect asbestos pipe wrap located in crawl space/pipe chase in the warehouse area.



Suspect asbestos corrugated transite roofing on the warehouse structures.



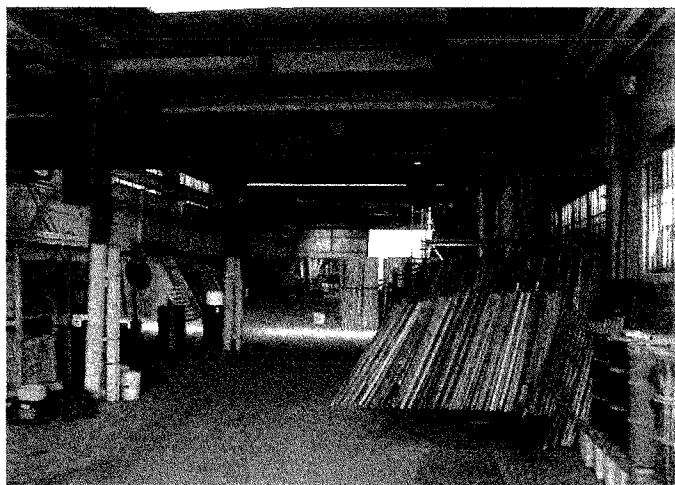
Suspect asbestos boiler insulation.



Drums of hydraulic oil stored on spill skids in the warehouse.



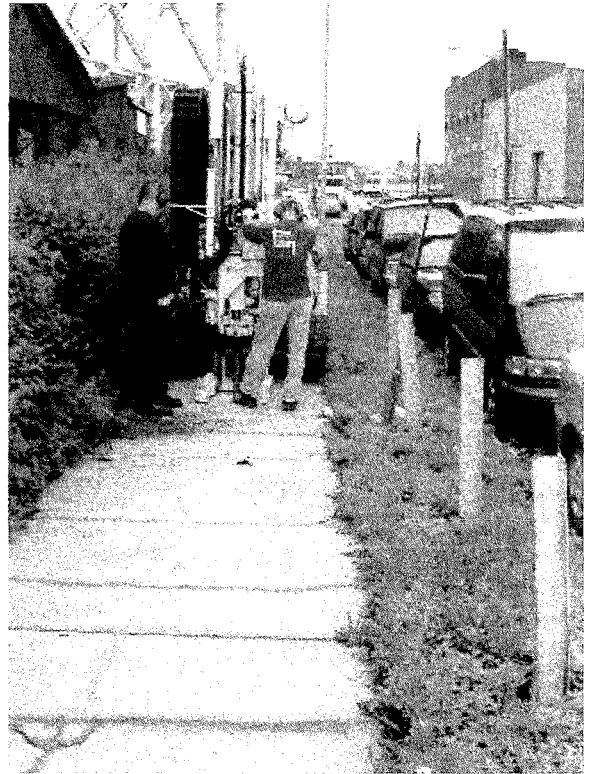
Storage areas located in the yard of the subject Property.



Scaffolding storage area inside the warehouse.



Reported location of abandoned fuel oil UST - beneath the sidewalk along 27th St in front of the 'old' office building.



Soil borings via Geoprobe in the soils surrounding the abandoned UST.



Reported location of abandoned fuel oil UST - along the north side of the 'new' office building.



Track-mounted Geoprobe unit used for the soil borings around the two abandoned USTs on the Property.

APPENDIX B

Regulatory Database Search



The EDR Radius Map with GeoCheck®

**50-09 27th Street
50-09 27th Street
Long Island City, NY 11101**

Inquiry Number: 1700370.2s

June 20, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	278
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	A-35

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

50-09 27TH STREET
LONG ISLAND CITY, NY 11101

COORDINATES

Latitude (North): 40.740100 - 40° 44' 24.4"
Longitude (West): 73.942100 - 73° 56' 31.6"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 589322.8
UTM Y (Meters): 4510233.0
Elevation: 5 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F8 BROOKLYN, NY
Most Recent Revision: 1995

North Map: 40073-G8 CENTRAL PARK, NY
Most Recent Revision: 1995

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
IKG INDUSTRIES 50-09 27TH STREET LONG ISLAND CITY, NY 11101	RCRA-SQG FINDS NY MANIFEST	NYD980772487
IKG INDUSTRIES-50-09 27TH STREET 50-09 27TH STREET QUEENS, NY 11101	FINDS	110019777491
PATENT CONSTRUCTION SYSTEMS 50-09 27TH STREET LONG ISLAND CITY, NY 11101	UST	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
RCRA-TSDF	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSWDS	Hazardous Substance Waste Disposal Site Inventory
SWTIRE	Registered Waste Tire Storage & Facility List
CBS UST	Chemical Bulk Storage Database
ENG CONTROLS	Registry of Engineering Controls
INST CONTROL	Registry of Institutional Controls
VCP	Voluntary Cleanup Agreements
DRYCLEANERS	Registered Drycleaners
BROWNFIELDS	Brownfields Site List
SPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
----------------------	---------------------

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

EXECUTIVE SUMMARY

EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/01/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MANHATTAN ADHESIVES PLANT	425-459 GREENPOINT AVEN	1/4 - 1/2 S	U96	230

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there are 4 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ACTIVE STEEL DRUM CO INC</i>	<i>52-30 34TH ST</i>	<i>1/4 - 1/2 SE</i>	<i>69</i>	<i>144</i>
<i>QUANTA RESOURCES CORP</i>	<i>37-80 REVIEW AVE</i>	<i>1/2 - 1 SSE</i>	<i>V100</i>	<i>248</i>
<i>KOSAN INDUSTRIAL CORP</i>	<i>5-49 49TH AVE</i>	<i>1/2 - 1 WNW</i>	<i>103</i>	<i>256</i>
<i>ACCURATE ASSOCIATES</i>	<i>5-36 46TH RD</i>	<i>1/2 - 1 WNW</i>	<i>104</i>	<i>258</i>

EXECUTIVE SUMMARY

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONFORT & CO-47-47 AUSTELL PL	47-47 AUSTELL PLACE	1/8 - 1/4NNE	I41	88

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 23 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNITED PARCEL SERVICE	49-10 27TH ST	0 - 1/8 N	C9	17
WARNER LAMBERT COMPANY	2901 BORDEN AVENUE	0 - 1/8 SE	D10	20
WALDES TRUARC INCORPORATED	29-01 BORDEN AVENUE	0 - 1/8 SE	D11	21
27-11 49TH AVENUE REALTY LLC	27-11 49TH AVE	0 - 1/8 N	C13	24
PUBLIC SERVICE TRUCK RENTING	25-61 49TH AVE	0 - 1/8 NNW	C19	39
SPRING SCAFFOLDING INC	28-20 BORDEN AVE	0 - 1/8 SSE	E21	44
NEW YORK ENVELOPE CORPORATION	29-10 HUNTERS POINT AVE	0 - 1/8 ENE	F23	47
A A TRUCK RENTING CORP	2890 REVIEW ST	1/8 - 1/4SSE	H33	61
ACCESS SELF STORAGE	2900 REVIEW AVE	1/8 - 1/4SSE	H35	70
GALASSO TRUCKING INC	49-10 25TH ST	1/8 - 1/4 WNW	38	83
NYSDOT CONTRACT 253037	29-00 BORDEN AVE	1/8 - 1/4SE	39	84
CLIPPER DIAMOND TOOL CO INC	47-16 AUSTELL PL - 3RD	1/8 - 1/4N	I42	94
SHOWMAN FABRICATORS INC	47-22 PEARSON PL	1/8 - 1/4N	J45	100
J MANHEIMER	47-22 PEARSON PL	1/8 - 1/4N	J46	104
THYPIN STEEL BUILDING FORMER	49-49 30TH ST	1/8 - 1/4E	K49	116
NYC DEC	30-03 REVIEW AVE	1/8 - 1/4SSE	L53	120
NYC DEPT OF ENVIRONMENTAL PROT	30-03 REVIEW AVE	1/8 - 1/4SSE	L54	121
NYC POLICE DEPT - PROPERTY CLE	47-07 PEARSON PL	1/8 - 1/4N	J55	122
METRO MACHINING & FABRICATING	47-24 27TH STREET	1/8 - 1/4NNE	M56	123
EXHIBIT CO INC THE	30-20 REVIEW AVE	1/8 - 1/4SSE	L57	124
O & S AUTO REPAIR SHOP INC	25-20 SKILLMAN AVE	1/8 - 1/4NNW	58	125
CON ED-TM 7258	24-30 SKILLMAN AVE	1/8 - 1/4NW	N60	128

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VERDERAME CONSTRUCTION CO INC	24-16 QUEENS PLZ S VACA	0 - 1/8 SSW	7	15

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 12/30/2005 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROEHR CHEMICALS INC Class Code: Significant threat to the public health or environment - action required.	52-20 37TH ST	1/2 - 1 SE	99	233
QUANTA RESOURCES Class Code: Significant threat to the public health or environment - action required.	37-80 REVIEW AVENUE	1/2 - 1 SSE	V101	251
AMTRAK SUNNYSIDE YARD Class Code: Significant threat to the public health or environment - action required.	39-29 HONEYWELL ST	1/2 - 1 NNE	105	261

DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the DEL SHWS list, as provided by EDR, and dated 12/30/2005 has revealed that there are 2 DEL SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER MANHATTAN ADHESIVES PLA	425-459 GREENPOINT AVEN	1/4 - 1/2 S	U98	231
MOBIL OIL BROOKLYN TERMINAL	300 NORTH HENRY STREET	1/2 - 1 S	102	254

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 05/03/2006 has revealed that there are 11 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALLOCCO RECYCLING; LTD (C&D RE	540 KINGSLAND AVENUE	1/4 - 1/2 S	74	156
GREENPOINT INCINERATOR	N HENRY ST / KINGSLAND	1/4 - 1/2 SSW	77	162
PEREZ INTERBORO ASPHALT C	99 PAIDGE AVENUE	1/4 - 1/2 SW	78	164
C&H SAND AND STONE; CORP.	21-16 JACKSON AVENUE	1/4 - 1/2 NW	S87	196
UNITED WASTE REMOVAL; INC.	2116 JACKSON AVENUE	1/4 - 1/2 NW	S88	197
LEXUS TRANSFER AND RECYCLING I	3200 RAILROAD AVENUE	1/4 - 1/2 SSE	90	219
NEW YORK PAVING, INC	37-18 RAILROAD AVENUE	1/4 - 1/2 SSE	T91	219
SUMMIT CARTING CORP	427 GREENPOINT AVE	1/4 - 1/2 S	U94	229
M.DELLACONA CARTING	37-90 RAILROAD AVENUE	1/4 - 1/2 SSE	T95	229
F.E.S. RECYCLING; INC. (SUMMIT	425 GREENPOINT AVE	1/4 - 1/2 S	U97	230

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NYCDOS MTS @GREENPOINT	NORTH HENRY ST. (NEWTOW	1/4 - 1/2SSW	P68	143

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 05/03/2006 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HUGO NEU SCHNITZER EAST QUEENS	30-27 GREENPOINT AVENUE	1/4 - 1/2SSE	R86	195

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 04/05/2006 has revealed that there are 28 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BLACK BEAR COMPANY Date Closed: 08/16/05	2710 HUNTER POINT AV	0 - 1/8 N	C14	25
NY ENVELOPE Date Closed: 06/17/05	2910 HUNTERS POINT AV	0 - 1/8 ENE	F24	50
Not reported Date Closed: 03/18/04	25-19 BORDEN AV	1/8 - 1/4WSW	G30	57
MONTAUK STEEL Date Closed: 07/29/02	2520 BORDEN AVE	1/8 - 1/4WSW	36	78
20-90 REVIEW AVENUE Date Closed: / /	20090 REVIEW AVENUE	1/8 - 1/4SSE	H40	85
47-22 PEARSON PL/QUEENS Date Closed: 07/29/93	47-22 PEARSON PLACE	1/8 - 1/4N	J44	96
4949 30TH STREET Date Closed: 01/14/94	4949 30TH STREET	1/8 - 1/4E	K48	111
ON SIDEWALK Date Closed: 07/31/03	47-15 PEARSON PL	1/8 - 1/4N	J51	118
Not reported Date Closed: 11/17/03	23-30 50TH AVE	1/8 - 1/4WNW	59	126
Not reported Date Closed: 02/17/06 Date Closed: 01/07/04	26-32 SKILLMAN AVE	1/4 - 1/2N	63	132
ABCO SUPPLY Date Closed: / /	49-70 31ST ST	1/4 - 1/2ESE	64	135
JOMEIRA REALITY Date Closed: 03/01/02	47-20 30TH ST	1/4 - 1/2NE	O65	137
47-20 30TH ST Date Closed: 11/02/92	47-20 30TH ST	1/4 - 1/2NE	O66	139
49-25 VAN DAMM STREET Date Closed: 11/16/92	49-25 VAN DAMM STREET	1/4 - 1/2E	70	147

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
49-01 VAN DAM STREET Date Closed: / /	49001 VAN DAM STREET	1/4 - 1/2ESE	71	149
GREEN SERVICE STA Date Closed: 03/28/05	49001 VAN DAM	1/4 - 1/2E	Q72	152
4901 VAN DAM ST/MOBIL Date Closed: 10/03/91	4901 VAN DAM ST/MOBIL	1/4 - 1/2E	Q73	154
51-02 21 ST Date Closed: 07/19/04	51-02 21 ST	1/4 - 1/2W	75	157
21-07 BORDEN AVE Date Closed: 02/25/03	21-07 BORDEN AVE	1/4 - 1/2W	76	160
EMPORIA Date Closed: 03/04/03	53-26 VANDAM ST	1/4 - 1/2SE	79	164
VANDAM ST + L.I.E. Date Closed: 03/03/03	VANDAM ST + L.I.E.	1/4 - 1/2ESE	80	166
53-26 VAN DAM ST/QUEENS Date Closed: 03/04/03	53026 VAN DAM STREET	1/4 - 1/2SE	81	169
GETTY PETROLEUM TERMINAL Date Closed: 12/11/01	3023 GREENPOINT AV	1/4 - 1/2SSE	R83	182
GETTY TERMINAL Date Closed: 05/29/03 Date Closed: 10/30/03	30-23 GREENPOINT AVE	1/4 - 1/2SSE	R84	188
Not reported Date Closed: 08/16/04	30-23 GREENPOINT AVE	1/4 - 1/2SSE	R85	193
PARKING GARAGE Date Closed: 03/31/03	11-15 50TH AVE	1/4 - 1/2WNW	92	225
LAGUARDIA COMM COLLEGE Date Closed: 01/31/02	31-10 THOMSON AV	1/4 - 1/2NE	93	227
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEPT OF SANITATION Date Closed: / /	459 N HENRY ST	1/4 - 1/2SSW	P67	141

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 18 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NY ENVELOPE	2910 HUNTERS POINT AV	0 - 1/8 ENE	F24	50
20-90 REVIEW AVENUE	20090 REVIEW AVENUE	1/8 - 1/4SSE	H40	85
47-22 PEARSON PL/QUEENS	47-22 PEARSON PLACE	1/8 - 1/4N	J44	96
4949 30TH STREET	4949 30TH STREET	1/8 - 1/4E	K48	111
ABCO SUPPLY	49-70 31ST ST	1/4 - 1/2ESE	64	135

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
47-20 30TH ST	47-20 30TH ST	1/4 - 1/2 NE	O66	139
49-25 VAN DAMM STREET	49-25 VAN DAMM STREET	1/4 - 1/2 E	70	147
49-01 VAN DAM STREET	49001 VAN DAM STREET	1/4 - 1/2 ESE	71	149
GREEN SERVICE STA	49001 VAN DAM	1/4 - 1/2 E	Q72	152
4901 VAN DAM ST/MOBIL	4901 VAN DAM ST/MOBIL	1/4 - 1/2 E	Q73	154
51-02 21 ST	51-02 21 ST	1/4 - 1/2 W	75	157
21-07 BORDEN AVE	21-07 BORDEN AVE	1/4 - 1/2 W	76	160
EMPORIA	53-26 VANDAM ST	1/4 - 1/2 SE	79	164
VANDAM ST + L.I.E.	VANDAM ST + L.I.E.	1/4 - 1/2 ESE	80	166
53-26 VAN DAM ST/QUEENS	53026 VAN DAM STREET	1/4 - 1/2 SE	81	169
GETTY PETROLEUM TERMINAL	3023 GREENPOINT AV	1/4 - 1/2 SSE	R83	182
PARKING GARAGE	11-15 50TH AVE	1/4 - 1/2 WNW	92	225
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEPT OF SANITATION	459 N HENRY ST	1/4 - 1/2 SSW	P67	141

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
29-01 BORDEN AVE	29-01 BORDEN AVE	0 - 1/8 SE	D12	22
HONEY FASHIONS, LTD.	27-11 49TH AVE	0 - 1/8 N	C15	27
BLACK BEAR COMPANY	27-10 49TH AVENUE	0 - 1/8 N	C16	29
BLACK BEAR COMPANY	27-10 HUNTERS POINT BOU	0 - 1/8 N	C17	33
PUBLIC SERVICE TRUCK RENTING	25-61 49TH AVE	0 - 1/8 NNW	C19	39
29-10 HUNTERS POINT AVE	29-10 HUNTERS POINT AVE	0 - 1/8 ENE	F26	53
HORIZON 25 REAL ESTATE CORP.	25-25 BORDEN AVENUE	1/8 - 1/4 WSW	G29	56
AA TRUCK RENTING CORP	28-90 REVIEW AVENUE	1/8 - 1/4 SSE	H34	62
ACCESS SELF STORAGE	2900 REVIEW AVE	1/8 - 1/4 SSE	H35	70
J MANHEIMER INC	47-22 PEARSON PL	1/8 - 1/4 N	J43	95
THYPIN STEEL CO INC	49-49 30TH STREET	1/8 - 1/4 E	K47	105
SUREWAY WORLDWIDE	24-30 SKILLMAN AVENUE	1/8 - 1/4 NW	N61	129

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GETTY TERMINALS CORPORATION	30-23 GREENPOINT AVE.	1/4 - 1/2 SSE	R82	171
METRO TERMINALS CORP.	498 KINGS LAND AVENUE	1/4 - 1/2 S	89	197

EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 10 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNITED PARCEL SERVICE	49-10 27TH STREET	0 - 1/8 N	C8	16
NEW YORK APPLE TOURS MAINTENAN	25-50 BORDEN AVENUE	1/8 - 1/4 WSW	G28	55
VARIETY SCENIC STUDIOS	25-19 BORDEN AVE	1/8 - 1/4 WSW	G31	59
ALLIED BRONZE CORP	25-11 HUNTERS POINT AVE	1/8 - 1/4 NW	32	60
AA TRUCK RENTING CORP	28-90 REVIEW AVENUE	1/8 - 1/4 SSE	H34	62
29-05 REVIEW AVE	29-05 REVIEW AVE	1/8 - 1/4 SSE	H37	81
CONFORT & CO-47-47 AUSTELL PL	47-47 AUSTELL PLACE	1/8 - 1/4 NNE	I41	88
THYPIN STEEL CO INC	49-49 30TH STREET	1/8 - 1/4 E	K47	105
PROPERTY CLERK WAREHOUSE	47-15 PEARSON PLACE	1/8 - 1/4 N	J50	116
METRO MACHINING & FABRICATING	47-24 27TH STREET	1/8 - 1/4 NNE	M56	123

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANTHONY CONCRETE	47-17 27TH ST.	1/8 - 1/4 NNE	M62	130

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 MOSF AST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GETTY TERMINALS CORPORATION	30-23 GREENPOINT AVE.	1/4 - 1/2 SSE	R82	171
METRO TERMINALS CORP.	498 KINGSLAND AVENUE	1/4 - 1/2 S	89	197

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2005 has revealed that there are 22 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNITED PARCEL SERVICE	49-10 27TH ST	0 - 1/8 N	C9	17
WARNER LAMBERT COMPANY	2901 BORDEN AVENUE	0 - 1/8 SE	D10	20

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WALDES TRUARC INCORPORATED	29-01 BORDEN AVENUE	0 - 1/8 SE	D11	21
27-11 49TH AVENUE REALTY LLC	27-11 49TH AVE	0 - 1/8 N	C13	24
SPRING SCAFFOLDING INC	28-20 BORDEN AVE	0 - 1/8 SSE	E21	44
NEW YORK ENVELOPE CORPORATION	29-10 HUNTERS POINT AVE	0 - 1/8 ENE	F23	47
NYCDEP	25-25 51ST AVE	1/8 - 1/4W	27	54
A A TRUCK RENTING CORP	2890 REVIEW ST	1/8 - 1/4SSE	H33	61
ACCESS SELF STORAGE	2900 REVIEW AVE	1/8 - 1/4SSE	H35	70
GALASSO TRUCKING INC	49-10 25TH ST	1/8 - 1/4WNW	38	83
NYSDOT CONTRACT 253037	29-00 BORDEN AVE	1/8 - 1/4SE	39	84
CONFORT & CO-47-47 AUSTELL PL	47-47 AUSTELL PLACE	1/8 - 1/4NNE	I41	88
CLIPPER DIAMOND TOOL CO INC	47-16 AUSTELL PL - 3RD	1/8 - 1/4N	I42	94
SHOWMAN FABRICATORS INC	47-22 PEARSON PL	1/8 - 1/4N	J45	100
J MANHEIMER	47-22 PEARSON PL	1/8 - 1/4N	J46	104
THYPIN STEEL BUILDING FORMER	49-49 30TH ST	1/8 - 1/4E	K49	116
NYCDEC REGION 2 SPILL 01-0274	30-01 REVIEW AVE	1/8 - 1/4SSE	L52	119
NYC DEC	30-03 REVIEW AVE	1/8 - 1/4SSE	L53	120
NYC DEPT OF ENVIRONMENTAL PROT	30-03 REVIEW AVE	1/8 - 1/4SSE	L54	121
EXHIBIT CO INC THE	30-20 REVIEW AVE	1/8 - 1/4SSE	L57	124
O & S AUTO REPAIR SHOP INC	25-20 SKILLMAN AVE	1/8 - 1/4NNW	58	125
CON ED-TM 7258	24-30 SKILLMAN AVE	1/8 - 1/4NW	N60	128

SPILLS: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 04/05/2006 has revealed that there are 8 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	50-12 27TH STREET	0 - 1/8 NW	B4	9
Date Closed: 03/03/03				
50-10 27TH ST	50-10 27TH ST	0 - 1/8 NW	B5	11
Date Closed: 08/05/99				
Not reported	50-01 27TH STREET	0 - 1/8 NW	B6	13
Date Closed: 02/06/04				
UNITED PARCEL SERVICE	49-10 27TH ST	0 - 1/8 N	C9	17
Date Closed: 03/31/95				
PUBLIC SERVICE TRUCK RENT	25-61 49TH AV	0 - 1/8 NNW	C18	38
Date Closed: 12/09/03				
28-20 BORDEN AVE	28-20 BORDEN AVE	0 - 1/8 SSE	E20	42
Date Closed: 05/28/97				
NATIONAL ENVELOPE	2910 HUNTER POINT AV	0 - 1/8 ENE	F22	45
Date Closed: 07/08/96				
NY ENVELOPE CORP	29-10 HUNTERSPOINT AVE.	0 - 1/8 ENE	F25	52
Date Closed: 12/19/02				

EXECUTIVE SUMMARY

HIST SPILLS: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 6 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>50-12 27TH STREET</i>	<i>0 - 1/8 NW</i>	<i>B4</i>	<i>9</i>
<i>50-10 27TH ST</i>	<i>50-10 27TH ST</i>	<i>0 - 1/8 NW</i>	<i>B5</i>	<i>11</i>
<i>Not reported</i>	<i>50-01 27TH STREET</i>	<i>0 - 1/8 NW</i>	<i>B6</i>	<i>13</i>
<i>UNITED PARCEL SERVICE</i>	<i>49-10 27TH ST</i>	<i>0 - 1/8 N</i>	<i>C9</i>	<i>17</i>
<i>28-20 BORDEN AVE</i>	<i>28-20 BORDEN AVE</i>	<i>0 - 1/8 SSE</i>	<i>E20</i>	<i>42</i>
<i>NATIONAL ENVELOPE</i>	<i>2910 HUNTER POINT AV</i>	<i>0 - 1/8 ENE</i>	<i>F22</i>	<i>45</i>

EXECUTIVE SUMMARY

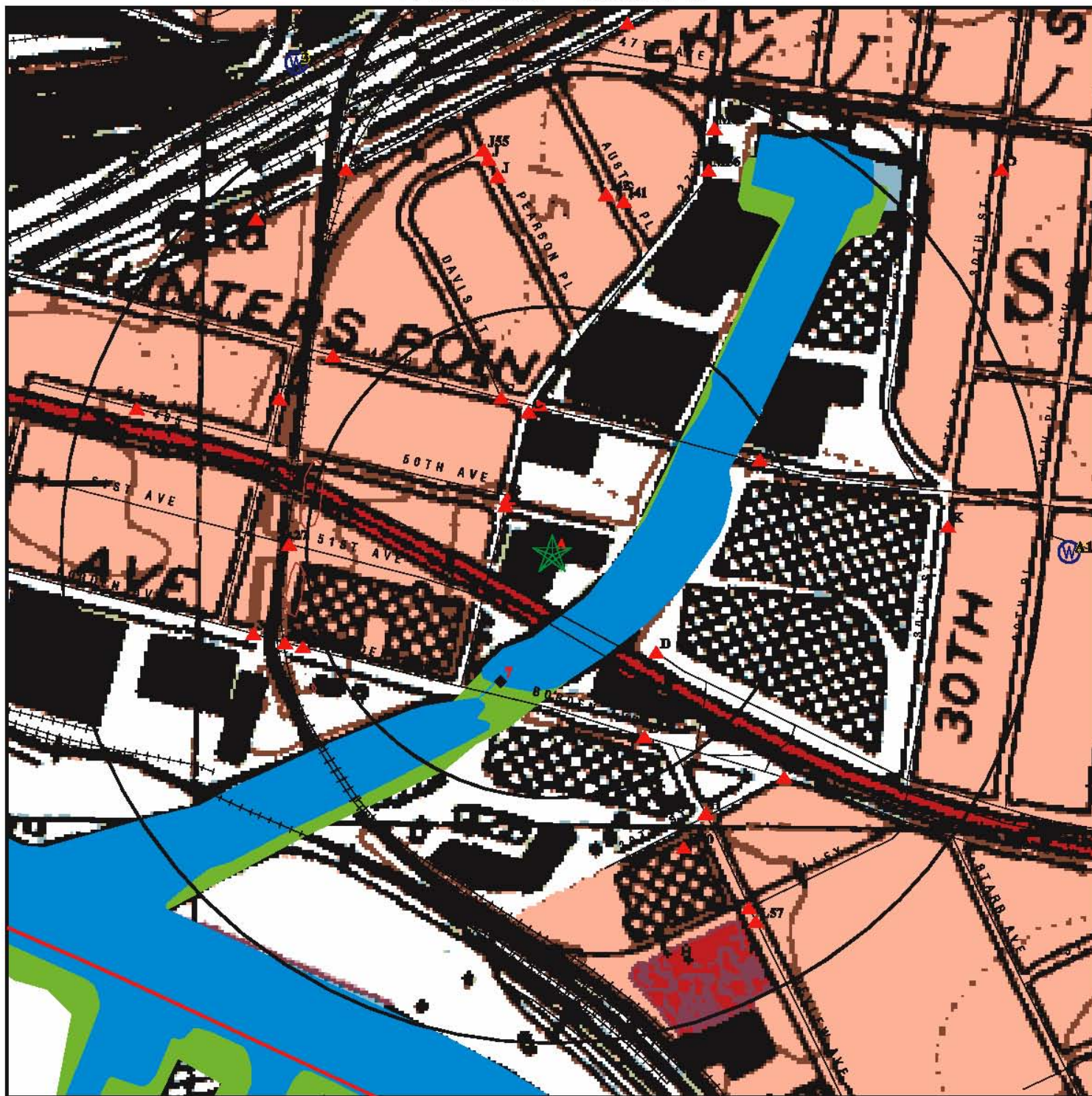
Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
NYS DEC SPILLS	NY MANIFEST
MTA NYCT QUEENS BLVD PLAZA STATION	RCRA-SQG, FINDS, NY MANIFEST
NYCDOT - 39TH STREET BRIDGE	RCRA-SQG, FINDS, NY MANIFEST
UNITED STATES POSTAL SERVICE	NY MANIFEST
QUEENS WEST DEVELOPMENT CORP	RCRA-SQG, FINDS, NY MANIFEST
STERNBERGER WAREHOUSE	NY MANIFEST
ANTHONY CONCRETE SUPPLY CORP	NY MANIFEST
WORLD WIDE RECOVERY SYSTEMS	NY MANIFEST
ECLADOR INTERNATIONAL CORPORATION	NY MANIFEST
GIBRALTAR CORPORATION OF AMERICA	NY MANIFEST
NYNEX	NY MANIFEST
ENVIRONMENTAL CONTROL & MANAGEMENT	NY MANIFEST
NYSDOT BRIDGE BIN 107701A	RCRA-LQG, NY MANIFEST
V1876	RCRA-SQG, NY MANIFEST
VS5039	RCRA-SQG, NY MANIFEST
NYCDOT BRIDGE BIN 2247290	RCRA-SQG, FINDS, NY MANIFEST
FABRICLEAN	NY MANIFEST
CASE PAPER CO INC	RCRA-SQG, FINDS, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
PEPSI COLA VENDING DEPT PAINT SHOP	NY MANIFEST
LORI CONTRACTING PROCESSING FACILI	SWF/LF
N. Y. PAVING CO.	SWF/LF
ORSANO CARTING CO.	SWF/LF
ORSANO CARTING	SWF/LF
QUEENS MIDTOWN TUNNEL	LTANKS, NY Hist Spills, HIST
COMMERCIAL BUILDING	LTANKS
CASE PAPER COMPANY, INC.	UST
59TH STREET BRIDGE	ERNS
RAILROAD TRACKS	NY Spills
LAUNDROMAT	NY Spills, NY Hist Spills
21ST STREET SUB-STATION	NY Spills, NY Hist Spills
MANHOLE 19531	NY Spills, NY Hist Spills
27TH ST	NY Spills
MANHOLE #1593	NY Spills, NY Hist Spills
59TH STREET BRIDGE	NY Spills, NY Hist Spills
ACROSS FROM E. 42ND STREE	NY Spills, NY Hist Spills
FRESH DIRECT	NY Spills
BORDEN AVENUE	NY Spills, NY Hist Spills
BORDEN AVE/LIRR PASS YARD	NY Spills, NY Hist Spills
BORDEN AVE/LIRR PAS YARD	NY Spills, NY Hist Spills
BORDEN AVE /LIC PASS YARD	NY Spills, NY Hist Spills
BORDEN AVE CROSSING	NY Spills
LONG ISLAND RR YARD	NY Spills, NY Hist Spills
11-09 BORDEN AVE	NY Spills, NY Hist Spills
STREET SPILL	NY Spills
23-64 27TH STREET	NY Spills, NY Hist Spills
RESIDENCE	NY Spills
QUEENS WEST DEVELOPMENT	NY Spills

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DETAIL MAP - 1700370.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 50-09 27th Street
 ADDRESS: 50-09 27th Street
 Long Island City NY 11101
 LAT/LONG: 40.7401 / 73.9421

CLIENT: CA Rich Consultants, Inc.
 CONTACT: Michael Yager
 INQUIRY #: 1700370.2s
 DATE: June 20, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	1	NR	NR	1
CORRACTS		1.000	0	0	1	3	NR	4
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRA Sm. Quan. Gen.	X	0.250	8	15	NR	NR	NR	23
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
HSWDS		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	3	NR	3
DEL SHWS		1.000	0	0	1	1	NR	2
State Landfill		0.500	0	0	11	NR	NR	11
SWRCY		0.500	0	0	1	NR	NR	1
SWTIRE		0.500	0	0	0	NR	NR	0
LTANKS		0.500	2	7	19	NR	NR	28
HIST LTANKS		0.500	1	3	14	NR	NR	18
UST	X	0.250	6	6	NR	NR	NR	12
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	2	NR	NR	2
AST		0.250	1	9	NR	NR	NR	10
CBS AST		0.250	0	1	NR	NR	NR	1
MOSF AST		0.500	0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MANIFEST	X	0.250	6	16	NR	NR	NR	22
NY Spills		0.125	8	NR	NR	NR	NR	8
NY Hist Spills		0.125	6	NR	NR	NR	NR	6
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1
Target
Property

IKG INDUSTRIES
50-09 27TH STREET
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY MANIFEST

EDR ID Number
EPA ID Number

1000119430
NYD980772487

Actual:
4 ft.

Site 1 of 3 in cluster A

RCRAInfo:

Owner: HARSCO CORP
(212) 555-1212
EPA ID: NYD980772487
Contact: JOSEPH COLUMBO
(718) 729-8810

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/13/1994
Actual Date Achieved Compliance:	09/15/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/13/1994
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940915

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NJA1359588
Manifest Status: C
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 930415
Trans1 Recv Date: 930415
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930419
Part A Recv Date: 930504

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IKG INDUSTRIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000119430

Part B Recv Date: 930430
Generator EPA ID: NYD980772487
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00769
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD980772487
Facility Name: I K G INDUSTRIES
Facility Address: 5009 27TH STREET
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: I K G INDUSTRIES
Mailing Contact: WILLIAM BOSSOY
Mailing Address: 5009 27TH STREET
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 212-729-8810

[Click this hyperlink](#) while viewing on your computer to access
44 additional NY MANIFEST: record(s) in the EDR Site Report.

A2
Target
Property

IKG INDUSTRIES-50-09 27TH STREET
50-09 27TH STREET
QUEENS, NY 11101

FINDS **1007815200**
110019777491

Actual:
4 ft.

Site 2 of 3 in cluster A

FINDS:
Other Pertinent Environmental Activity Identified at Site:
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation
(DEC) information system for tracking environmental facility information found across the State.

A3
Target
Property

PATENT CONSTRUCTION SYSTEMS
50-09 27TH STREET
LONG ISLAND CITY, NY 11101

UST **U001838842**
N/A

Actual:
4 ft.

Site 3 of 3 in cluster A

PBS UST:
PBS Number: 2-005347 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: PATENT CONSTRUCTION SYSTEMS
(718) 361-1866
Emergency Contact: KATHY RENNA

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PATENT CONSTRUCTION SYSTEMS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001838842

Total Tanks:	(718) 323-3491 0		
Owner:	HARSCO CORPORATION CAMP HILL CAMP HILL, PA 17011 (717) 763-7064		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HARSCO CORPORATION CAMP HILL CAMP HILL, PA 17011 (717) 763-7064		
Tank Status:	Closed - In Place		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	02/01/1998
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	05/01/1994	Next Test Date:	Not reported
Date Closed:	02/01/1998	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/03/1994
Old PBS Number:	Not reported	Expiration Date:	02/25/1998
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-005347	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	PATENT CONSTRUCTION SYSTEMS (718) 361-1866		
Emergency Contact:	KATHY RENNA (718) 323-3491		
Total Tanks:	0		
Owner:	HARSCO CORPORATION CAMP HILL CAMP HILL, PA 17011 (717) 763-7064		
Owner Type:	Corporate/Commercial		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PATENT CONSTRUCTION SYSTEMS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001838842

Owner Mark:	First Owner	
Owner Subtype:	Not reported	
Mailing Address:	HARSCO CORPORATION	
	CAMP HILL	
	CAMP HILL, PA 17011	
	(717) 763-7064	
Tank Status:	Closed - In Place	
Capacity (gals):	1500	
Tank Location:	UNDERGROUND	
Tank Id:	002	Install Date: 02/01/1998
Tank Type:	Steel/carbon steel	Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal: Not reported
Pipe Location:	1	Pipe Type: STEEL/IRON
Tank External:	Not reported	
Missing Data for Tank:	Minor Data Missing	
Pipe External:	Not reported	
Second Containment:	NONE	
Leak Detection:	NONE	
Overfill Prot:	Product Level Gauge	Dispenser: Suction
Date Tested:	05/01/1994	Next Test Date: Not reported
Date Closed:	02/01/1998	Test Method: HORNER
Deleted:	False	Updated: True
Dead Letter:	False	Owner Screen: No data missing
FAMT:	Fiscal amount for registration fee is correct	
Total Capacity:	0	Renewal Date: Not reported
Tank Screen:	0	Federal ID: Not reported
Renew Flag:	Renwal has not been printed	Facility Screen: No data missing
Certification Flag:	False	Certification Date: 06/03/1994
Old PBS Number:	Not reported	Expiration Date: 02/25/1998
Inspected Date:	Not reported	Inspector: Not reported
Inspection Result:	Not reported	
Lat/long:	Not reported	
Facility Type:	MANUFACTURING	
Town or City:	NEW YORK CITY	
Town or City Code:	01	
County Code:	63	
Region:	2	

B4
NW
< 1/8
176 ft.

50-12 27TH STREET
LONG ISLAND CITY, NY

NY Spills S104649114
NY Hist Spills N/A

Site 1 of 3 in cluster B

Relative:
Higher

SPILLS:

Actual:
8 ft.

DER Facility ID : 111250
Site ID : 129008
Spill Number: 9902654
Investigator: TOMASELLO
Caller Name: DIANE JOSEPH
Caller Phone: (718) 232-2171
Notifier Name: CALLER
Notifier Phone: Not reported
Spill Date: 06/08/99
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9902654

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: PETER BUILT
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 06/08/99

DEC Region : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104649114

Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: CALLER
Spill Notifier: CITIZEN
Spiller: UNK
Spiller Company : UNK
Spiller Address: UNK
UNK, ZZ

Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported

Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 03/03/03

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 03/03/03

Date Spill Entered In Computer Data File: 06/08/99

Material

Material ID : 306156

Site ID : 129008

Operable Unit : 01

Operable Unit ID : 1077305

Material Code : 0008

Material Name : Diesel

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

DEC Remarks : Not reported

Remark: CALLER ADVISED YESTERDAY SHE NOTICED A SMELL OF PRODUCT. TODAY SHE STILL
SMELLS IT. APPARENTLY THE BLDG IS BEING RENAVATED.

HIST SPILLS:

Spill Number: 9902654

Investigator: TOMASELLO

Caller Name: Not reported

Caller Phone: Not reported

Notifier Name: Not reported

Notifier Phone: Not reported

Spill Date: 06/07/1999 14:00

Spill Cause: Unknown

Water Affected: Not reported

Facility Contact: UNK

Region of Spill: 2

SWIS: 63

Caller Agency: Not reported

Caller Extension: Not reported

Notifier Agency: Not reported

Notifier Extension: Not reported

Reported to Dept: 06/08/99 06:47

Resource Affected: On Land

Spill Source: Other Commercial/Industrial

Facility Tele: (000) 000-0000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104649114

Spill Notifier: Citizen
Spiller Contact: CALLER
Spiller: UNK
Spiller Address: UNK
UNK
DEC Remarks : Not reported
Remark: CALLER ADVISED YESTERDAY SHE NOTICED A SMELL OF PRODUCT. TODAY SHE STILL SMELLS IT. APPARENTLY THE BLDG IS BEING RENAVATED.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Spill Closed Dt: / /
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Invstgn Complete:/ /
Spill Record Last Update: 06/08/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/08/99
Date Region Sent Summary to Central Office: / /
Cleanup Meets Std:False
Enforcement Date: / /
UST Involvement: False

B5
NW
< 1/8
177 ft.

50-10 27TH ST
50-10 27TH ST
LONG ISLAND CITY, NY

NY Spills
NY Hist Spills
S104193189
N/A

Site 2 of 3 in cluster B

Relative:
Higher

SPILLS:

Actual:
8 ft.

DER Facility ID : 178384
Site ID : 215311
Spill Number: 9930009
Investigator: SMMARTIN
Caller Name: SONDR MARTINKAT
Caller Phone: (718) 482-4933
Notifier Name: ANTONIO LOPEZ
Notifier Phone: Not reported
Spill Date: 07/23/99
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9930009
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: CITIZEN
CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: NYS DEC
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 07/23/99
DEC Region : 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

50-10 27TH ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104193189

Spiller: Not reported
Spiller Company : Not reported
Spiller Address: 50-10 27TH ST
ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 08/05/99

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 08/06/99

Date Spill Entered In Computer Data File: 07/23/99

Material

Material ID : 293692
Site ID : 215311
Operable Unit : 01
Operable Unit ID : 1089892
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"MARTINKAT/HUANG" 7/23/99 HUANG VISITED SITE. NO SIGN OF TANKS.
INSTALLATION OF A BILL BOARD. WATER IN EXCAVATION, NO SHEEN. NO ODOR.
SMM.NO TANKS NO SPILL.

Remark: TANKS BEING REMOVED WHEN SPILL OCCURRED. NO PBS RECORDS FOUND.

HIST SPILLS:

Spill Number:	9930009	Region of Spill:	2
Investigator:	MARTINKAT/HUANG	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	07/23/1999 13:26	Reported to Dept:	07/23/99 13:26
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Citizen	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

50-10 27TH ST (Continued)

S104193189

Spiller: Not reported
Spiller Address: 50-10 27TH ST
DEC Remarks : 7/23/99 HUANG VISITED SITE. NO SIGN OF TANKS. INSTALLATION OF A BILL BOARD. WATER IN EXCAVATION, NO SHEEN. NO ODOR. SMM.NO TANKS NO SPILL.
Remark: TANKS BEING REMOVED WHEN SPILL OCCURRED. NO PBS RECORDS FOUND.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: 08/05/99
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Invstgn Complete:/ /
Spill Record Last Update: 08/06/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/23/99 13:27
Date Region Sent Summary to Central Office: / /
Cleanup Meets Std:False
Enforcement Date: / /
UST Involvement: False

B6
NW
< 1/8
187 ft.

50-01 27TH STREET
LONG ISLAND, NY

NY Spills S104649396
NY Hist Spills N/A

Site 3 of 3 in cluster B

Relative:
Higher

Actual:
8 ft.

SPILLS:

DER Facility ID : 93543
Site ID : 106124
Spill Number: 9904845
Investigator: MCTIBBE
Caller Name: REFUSED
Caller Phone: Not reported
Notifier Name: CITIZEN
Notifier Phone: Not reported
Spill Date: 07/23/99
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9904845
Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: CITIZEN
Spiller: UNK
Spiller Company : UNK
Spiller Address: UNK
CID : 389
Region of Spill: 2
SWIS: 4101
Caller Agency: CITIZEN
Caller Extension: Not reported
Notifier Agency: CITIZEN
Notifier Extension: Not reported
Reported to Dept: 07/23/99
DEC Region : 2
Spill Source: UNKNOWN
Facility Tele: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104649396

UNK, ZZ
Spiller County : 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 02/06/04

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 02/06/04

Date Spill Entered In Computer Data File: 07/23/99

Material

Material ID : 301169

Site ID : 106124

Operable Unit : 01

Operable Unit ID : 1083532

Material Code : 0003

Material Name : #6 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"TIBBE" REFER TO 9930009.

Remark: CALLER STATES THERE IS A SPILL ON THE ABOVE ADDRESS CALLER IS A CITIZEN
WITH LITTLE INFO CALLER WOULD LIKE DEC TO CHECK OUT THIS LOCATION DUE
TO THE OIL LEAK

HIST SPILLS:

Spill Number: 9904845

Investigator: TIBBE

Caller Name: Not reported

Caller Phone: Not reported

Notifier Name: Not reported

Notifier Phone: Not reported

Spill Date: 07/23/1999 12:35

Spill Cause: Unknown

Water Affected: Not reported

Facility Contact: UNK

Spill Notifier: Citizen

Spiller Contact: Not reported

Spiller: UNK

Spiller Address: UNK
UNK, NY

Region of Spill: 2

SWIS: 63

Caller Agency: Not reported

Caller Extension: Not reported

Notifier Agency: Not reported

Notifier Extension: Not reported

Reported to Dept: 07/23/99 12:35

Resource Affected: On Land

Spill Source: Unknown

Facility Tele: (000) 000-0000

PBS Number: Not reported

Spiller Phone: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104649396

DEC Remarks : 9930009.
Remark: CALLER STATES THERE IS A SPILL ON THE ABOVE ADDRESS CALLER IS A CITIZEN WITH LITTLE INFO CALLER WOULD LIKE DEC TO CHECK OUT THIS LOCATION DUE TO THE OIL LEAK
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 2190
Spill Closed Dt: / /
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Invstgn Complete: / /
Spill Record Last Update: 07/26/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/23/99
Date Region Sent Summary to Central Office: / /
Cleanup Meets Std: False
Enforcement Date: / /
UST Involvement: False

7
SSW
< 1/8
374 ft.

VERDERAME CONSTRUCTION CO INC
24-16 QUEENS PLZ S VACANT LOT
LONG ISLAND CITY, NY 11101

RCRA-SQG 1000553017
FINDS NYD986954261

Relative:
Lower

RCRAInfo:
Owner: ANTHONY REALTY
(718) 786-9193
EPA ID: NYD986954261
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
0 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C8
North
< 1/8
383 ft.

UNITED PARCEL SERVICE
49-10 27TH STREET
LONG ISLAND CITY, NY 11101

AST **U003397113**
N/A

Site 1 of 9 in cluster C

Relative:
Higher

PBS AST:

Actual:
12 ft.

PBS Number:	2-603346	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	UNITED PARCEL SERVICE		
	643 WEST 43RD STREET		
	NEW YORK, NY 10036		
Owner Phone:	(212) 631-6444		
Facility Phone:	(212) 229-0950		
Operator:	MIKE ROCCI		
Emergency Name:	MIKE MCINERNEY		
Emergency Phone:	(212) 229-0968		
Total Tanks:	1		
Total Capacity:	250		
Tank ID:	001		
Capacity (Gal):	250		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	11/01/1995		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Not reported		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	UNITED PARCEL SERVICE		
Mailing Address:	643 WEST 43RD STREET		
	NEW YORK, NY 10036		
Mailing Contact:	PLANT ENG.DEPT.5TH FLOOR		
Mailing Telephone:	(212) 631-6444		
Owner Mark:	First Owner	Expiration Date:	02/24/2003
Certification Flag:	False	Certification Date:	02/25/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	Minor data missing		
Tank Screen:	Minor data missing		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNITED PARCEL SERVICE (Continued)

EDR ID Number
EPA ID Number

U003397113

Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

C9
North
< 1/8
383 ft.

UNITED PARCEL SERVICE
49-10 27TH ST
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY Spills
NY MANIFEST
NY Hist Spills

1000398418
NYD136092939

Relative:
Higher

Site 2 of 9 in cluster C

Actual:
12 ft.

RCRAInfo:
Owner: UNITED PARCEL SERVICE
(212) 555-1212
EPA ID: NYD136092939
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SPILLS:

DER Facility ID : 129616
Site ID : 152704
Spill Number: 9307053
Investigator: MCTIBBE
Caller Name: MIKE MULQUEEN
Caller Phone: (516) 249-3150
Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 09/09/93
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9307053
Spill Cause: OTHER
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: OTHER
Spiller: Not reported
Spiller Company : UPS/UNITED PARCELS SERVIC
Spiller Address: ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: TYREE
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 09/09/93
DEC Region : 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported

Spill Closed Dt: 03/31/95

Cleanup Ceased: 03/31/95

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Cleanup Meets Std: True

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNITED PARCEL SERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000398418

UST Trust: False
Regional Use: Not reported
Spill Record Last Update: 07/16/99
Date Spill Entered In Computer Data File: 09/13/93

Material

Material ID : 393332
Site ID : 152704
Operable Unit : 01
Operable Unit ID : 988136
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : L

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"TIBBE" 10/10/95: This is additional information about material spilled
from the translation of the old spill file: TANK REMOVAL/GAS/.
SEEFIL.

Remark: STOCK PILED.

HIST SPILLS:

Spill Number:	9307053	Region of Spill:	2
Investigator:	TIBBE	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	06/21/1993 11:00	Reported to Dept:	09/09/93 16:26
Spill Cause:	Other	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	(212) 631-6444
Spill Notifier:	Other	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UPS/UNITED PARCELS SERVICE		
Spiller Address:	Not reported		

DEC Remarks : 10/10/95: This is additional information about material spilled from
the translation of the old spill file: TANK REMOVAL/GAS/. SEEFIL.

Remark: STOCK PILED.

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Material:

Material Class Type: 1
Quantity Spilled: 0
Units: Pounds

MAP FINDINGS

EDR ID Number
EPA ID Number

1000398418

Cleanup Meets Std:True

Enforcement Date: / /

UST Involvement: False

Document ID:	INA0784124
Manifest Status:	K
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	930624
Trans1 Recv Date:	930624
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930714
Part A Recv Date:	930713
Part B Recv Date:	930810
Generator EPA ID:	NYD136092939
Trans1 EPA ID:	IND058484114
Trans2 EPA ID:	Not reported
TSDF ID:	IND093219012
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	01500
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	93
Facility Type:	Generator
EPA ID:	NYD136092939
Facility Name:	UNITED PARCEL SERVICE
Facility Address:	49-10 27TH STREET
Facility City:	QUEENS
Facility Zip 4:	Not reported
Country:	Not reported
County:	QUEENS
Mailing Name:	UNITED PARCEL SERVICE
Mailing Contact:	N/S
Mailing Address:	49-10 27TH STREET
Mailing City:	LONG ISLAND CITY
Mailing State:	NY
Mailing Zip:	11101
Mailing Zip4:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNITED PARCEL SERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000398418

Mailing Country: USA
Mailing Phone: N/S

[Click this hyperlink](#) while viewing on your computer to access
87 additional NY MANIFEST: record(s) in the EDR Site Report.

**D10
SE
< 1/8
388 ft.**

**WARNER LAMBERT COMPANY
2901 BORDEN AVENUE
LONG ISLAND CITY, NY 11101**

**RCRA-SQG
FINDS
NY MANIFEST**

**1000312933
NYD072756414**

**Relative:
Higher**

Site 1 of 3 in cluster D

**Actual:
6 ft.**

RCRAInfo:
Owner: Not reported
EPA ID: NYD072756414
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYO3055968
Manifest Status: C
Trans1 State ID: MD-001
Trans2 State ID: Not reported
Generator Ship Date: 840203
Trans1 Recv Date: 840203
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840203
Part A Recv Date: 840208
Part B Recv Date: 840221
Generator EPA ID: NYD072756414
Trans1 EPA ID: MDD980554653
Trans2 EPA ID: Not reported
TSDF ID: MDD980554653
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 10750
Units: P - Pounds
Number of Containers: 043
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84
Facility Type: Generator
EPA ID: NYD072756414
Facility Name: WARNER LAMBERT
Facility Address: 2901 BORDEN AVENUE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WARNER LAMBERT COMPANY (Continued)

EDR ID Number
EPA ID Number

1000312933

Country: Not reported
County: QUEENS
Mailing Name: WARNER LAMBERT
Mailing Contact: F X JAMES
Mailing Address: 175 FARBOR ROAD
Mailing City: MORRIS PLAINS
Mailing State: NJ
Mailing Zip: 07950
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 212-784-5985

[Click this hyperlink](#) while viewing on your computer to access
3 additional NY MANIFEST: record(s) in the EDR Site Report.

**D11
SE
< 1/8
388 ft.**

**WALDES TRUARC INCORPORATED
29-01 BORDEN AVENUE
LONG ISLAND CITY, NY 11101**

**RCRA-SQG
FINDS
NY MANIFEST**

**1000188524
NYD981182801**

Site 2 of 3 in cluster D

**Relative:
Higher**

RCRAInfo:
Owner: WALDES TRUARC INC
(212) 555-1212
EPA ID: NYD981182801
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

**Actual:
6 ft.**

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/22/1986
Actual Date Achieved Compliance: 08/13/1986
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/19/1986
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860813

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NJA0173275
Manifest Status: C
Trans1 State ID: NJDEP#S06
Trans2 State ID: Not reported
Generator Ship Date: 860326

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WALDES TRUARC INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000188524

Trans1 Recv Date: 860326
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860327
Part A Recv Date: 860331
Part B Recv Date: 860404
Generator EPA ID: NYD981182801
Trans1 EPA ID: NJD981138324
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F001 - UNKNOWN
Quantity: 00162
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86
Facility Type: Generator
EPA ID: NYD981182801
Facility Name: WALDES - TRUARC
Facility Address: 29-01 BORDEN AVENUE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: WALDES TRUARC
Mailing Contact: Not reported
Mailing Address: 29-01 BORDEN AVENUE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-392-3100

[Click this hyperlink](#) while viewing on your computer to access
7 additional NY MANIFEST: record(s) in the EDR Site Report.

D12 29-01 BORDEN AVE
SE 29-01 BORDEN AVE
< 1/8 LONG ISLAND CITY, NY 11101
388 ft.

UST U000407274
N/A

Site 3 of 3 in cluster D

Relative:
Higher

PBS UST:
PBS Number: 2-304263
SPDES Number: Not reported
Operator: 29-01 BORDEN REALTY CO., LLC
(212) 751-4627
Emergency Contact: 29-01 BORDEN REALTY CO., LLC
(212) 751-4627
Total Tanks: 2
Owner: 29-01 BORDEN REALTY CO., LLC
60 EAST 56TH ST 7TH FL
NY, NY 10022
(212) 751-4627
Owner Type: Corporate/Commercial
Owner Mark: First Owner

CBS Number: Not reported
SWIS ID: 6301

Actual:
6 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

29-01 BORDEN AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000407274

Owner Subtype:	Not reported		
Mailing Address:	29-01 BORDEN REALTY CO 60 EAST 56TH ST 7TH FL NY, NY 10022 (212) 751-4627		
Tank Status:	In Service		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	04/01/1957
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	03/01/1998	Next Test Date:	03/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/29/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-304263	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	29-01 BORDEN REALTY CO., LLC (212) 751-4627		
Emergency Contact:	29-01 BORDEN REALTY CO., LLC (212) 751-4627		
Total Tanks:	2		
Owner:	29-01 BORDEN REALTY CO., LLC 60 EAST 56TH ST 7TH FL NY, NY 10022 (212) 751-4627		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	29-01 BORDEN REALTY CO 60 EAST 56TH ST 7TH FL NY, NY 10022 (212) 751-4627		
Tank Status:	In Service		
Capacity (gals):	5000		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

29-01 BORDEN AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000407274

Tank Location:	UNDERGROUND	Install Date:	04/01/1957
Tank Id:	002	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel	Pipe Internal:	Not reported
Tank Internal:	Not reported	Pipe Type:	STEEL/IRON
Pipe Location:	1		
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	03/01/1998	Next Test Date:	03/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/29/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

C13
North
< 1/8
390 ft.

27-11 49TH AVENUE REALTY LLC
27-11 49TH AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG 1006817480
FINDS NYR000115949
NY MANIFEST

Site 3 of 9 in cluster C

Relative:
Higher

RCRAInfo:
Owner: 27-11 49TH AVENUE REALTY LLC
(718) 361-2550
EPA ID: NYR000115949
Contact: RAFAEL ZAMOT
(718) 361-2550

Actual:
12 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

27-11 49TH AVENUE REALTY LLC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1006817480

Document ID: NYG2894211
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 06/03/2003
Trans1 Recv Date: 06/03/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/04/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000115949
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSD ID: 40580PANY
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00400
Units: K - Kilograms (2.2 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 03
Facility Type: Generator
EPA ID: NYR000115949
Facility Name: 27-11 49TH AVE REALTY
Facility Address: 27-11 49TH AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: 27-11 49TH AVE REALTY
Mailing Contact: N/S
Mailing Address: 27-11 49TH AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-361-2550

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

C14
North
< 1/8
390 ft.

BLACK BEAR COMPANY
2710 HUNTER POINT AV
QUEENS, NY

LTANKS S106972606
N/A

Site 4 of 9 in cluster C

Relative:
Higher

LTANKS:

Actual:
12 ft.

Spill Number: 0501474
Facility ID: 0501474
Site ID: 345633
Spill Date: 05/05/05
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: 718-784-7330

Region of Spill: 2
DER Facility ID: 291869
CID: 71
Reported to Dept: 05/05/05
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: (718) 731-7011

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BLACK BEAR COMPANY (Continued)

S106972606

Investigator:	MXTIPTLE	SWIS:	4101
Caller Name:	ABRAHAM WEXLER	Caller Agency:	NYC TANK TEST
Caller Phone:	(718) 731-7011	Caller Extension:	Not reported
Notifier Name:	ABRAHAM WEXLER	Notifier Agency:	NYC TANK TEST
Notifier Phone:	(718) 731-7011	Notifier Extension:	Not reported
Spiller Contact:	ABRAHAM WEXLER	Spiller Phone:	(718) 731-7011
Spiller:	ABRAHAM WEXLER		
Spiller Company:	Not reported		
Spiller Address:	***Update***, ZZ		
Spiller County:	001		
Spill Class:	Not reported		
Spill Closed Dt:	08/16/05		
Spill Notifier:	TANK TESTER		
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
UST Trust:	False		
Spill Record Last Update:	08/16/05		
Date Spill Entered In Computer Data File:	05/05/05		
Remediation Phase:	0		
Program Number:	0501474		
Regional Use:	Not reported		
Material			
Material ID :	583562		
Site ID :	345633		
Operable Unit :	01		
Operable Unit ID :	1103350		
Material Code :	0001		
Material Name :	#2 Fuel Oil		
Case No. :	Not reported		
Material FA :	Petroleum		
Quantity :	2500.00		
Units :	G		
Recovered :	No		
Resource Affected - Soil :	Yes		
Resource Affected - Air :	No		
Resource Affected - Indoor Air :	No		
Resource Affected - Groundwater :	No		
Resource Affected - Surface Water :	No		
Resource Affected - Drinking Wtr :	No		
Resource Affected - Sewer :	No		
Resource Affected - Impervious Surface :	No		
Resource Affected - Subway :	No		
Resource Affected - Utility :	No		
Resource Affected - Impervious Surface :	No		
Oxygenate :	False		
Tank Test			
Spill Tank Test :	954228		
Site ID :	345633		
Tank Number :	Not reported		
Tank Size :	7500		
Test Method :	03		
Leak Rate :	0.00		
Gross Fail :	0		
Modified By :	Watchdog		
Last Modified :	05/05/05		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106972606

Test Method : Horner EZ Check I or II
DEC Remarks : 5/6/05 mt/// tank now being emptied, ttf letter sent///// 5/23/05
mt/// tank emptied and cleaned, may be closed in place//attempted
calling # in fax..Not in service. 5/31/05 mt/updating//black bear
company retained Richard Baldwin to conduct
investigation// 8/16/05 Tipple observed samples from gw interface, no
visual or olfactory evidence of petroleum contamination//Tank must be
removed or properly abandon in place as soon as feasible, no further
action necessary to remediate contami
nants at this site. Spill Closed
Remark: WET PORTION LEAK

C15
North
< 1/8
390 ft.

HONEY FASHIONS, LTD.
27-11 49TH AVE
LONG ISLAND CITY, NY 11101

UST U001836260
N/A

Site 5 of 9 in cluster C

Relative:
Higher

Actual:
12 ft.

PBS UST:
PBS Number: 2-318159 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: HONEY FASHIONS
(718) 472-9100
Emergency Contact: MORRIS SADICARIO
(718) 472-9100
Total Tanks: 0
Owner: HONEY FASHIONS, LTD.
27-11 49TH AVENUE
LONG ISLAND CITY, NY 00000
(718) 686-4424
Owner Type: Corporate/Commercial
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: PREMIER ENVIROMENTAL SERVICES, INC.
ATTN: KRISTEN LEE WOLANSKY
P.O. BOX 429
131 WOOD AVENUE
MIDDLESEX, NJ 08846
(732) 560-5900
Tank Status: Closed - Removed
Capacity (gals): 5000
Tank Location: UNDERGROUND
Tank Id: 001 Install Date: 08/01/1970
Tank Type: Steel/carbon steel Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: STEEL/IRON
Tank External: NONE/NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE/NONE
Overfill Prot: None Dispenser: Submersible
Date Tested: 12/01/1992 Next Test Date: Not reported
Date Closed: 06/01/1998 Test Method: HORNER
Deleted: False Updated: True
Dead Letter: False Owner Screen: No data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0 Renewal Date: Not reported
Tank Screen: 0 Federal ID: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HONEY FASHIONS, LTD. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001836260

Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	04/21/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS OWNHIST			
Operator:	RUSS TOGS, INC		
Emergency:	C. ECHEVARIA		
Emergency Tel:	(718) 446-3869	Old PBSNO:	Not reported
Facility Type:	MANUFACTURING		
Facility Owner:	RUSS TOGS, INC		
Facility Address:	27-11 49TH AVE 27011 49TH AVE LONG ISLAND CITY, NY 11101		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-1810916
Owner:	RUSS TOGS, INC		
Owner Tel:	(212) 768-6354	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		
Mail Address:	RUSS TOGS, INC 27-11 49TH AVE LONG ISLAND CITY, NY 11101		
	Not reported		
	(212) 768-6354		
Owner Mark:	First Owner		
Certify Date:	07/20/1997	Expiration:	07/20/1997
Total Capacity (Gal):	5000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6301		
Facility Phone :	(212) 768-6354		
Num of Active Tanks :	1		
Facility Owner:	RUSS TOGS, INC		
Facility Address:	27-11 49TH AVE LONG ISLAND CITY, NY 11101		
	(212) 768-6354		
Owner Phone:	(212) 768-6354		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	04/21/1994		
Facility Record Updated:	True		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

C16
North
< 1/8
390 ft.

BLACK BEAR COMPANY
27-10 49TH AVENUE
LONG ISLAND CITY, NY 11101

UST **U001841094**
N/A

Relative:
Higher

Site 6 of 9 in cluster C

Actual:
12 ft.

PBS UST:

PBS Number: 2-483192

CBS Number: Not reported

SPDES Number: Not reported

SWIS ID: 6301

Operator: KINLOCH CO INC
(718) 784-7330

Emergency Contact: WALTER SPREEN
(718) 331-5003

Total Tanks: 0

Owner: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330

Owner Type: Not reported

Owner Mark: First Owner

Owner Subtype: Not reported

Mailing Address: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330

Tank Status: Administratively Closed (See Site Staus)

Capacity (gals): 550

Tank Location: UNDERGROUND

Tank Id: 001

Install Date: 12/01/1976

Tank Type: Steel/carbon steel

Product Stored: OTHER

Tank Internal: Not reported

Pipe Internal: Not reported

Pipe Location: 2

Pipe Type: GALVANIZED STEEL

Tank External: Not reported

Missing Data for Tank: Minor Data Missing

Pipe External: Not reported

Second Containment: NONE

Leak Detection: NONE

Overfill Prot: 2

Dispenser: Suction

Date Tested: Not reported

Next Test Date: Not reported

Date Closed: 01/01/1996

Test Method: Not reported

Deleted: False

Updated: False

Dead Letter: False

Owner Screen: Minor data missing

FAMT: Fiscal amount for registration fee is correct

Total Capacity: 0

Renewal Date: Not reported

Tank Screen: Minor data missing

Federal ID: Not reported

Renew Flag: Renwal has not been printed

Facility Screen: Minor data missing

Certification Flag: False

Certification Date: 11/26/1990

Old PBS Number: Not reported

Expiration Date: 11/20/1995

Inspected Date: Not reported

Inspector: Not reported

Inspection Result: Not reported

Lat/long: Not reported

Facility Type: Not reported

Town or City: NEW YORK CITY

Town or City Code: 01

County Code: 63

Region: 2

PBS Number: 2-483192

CBS Number: Not reported

SPDES Number: Not reported

SWIS ID: 6301

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001841094

Operator:	KINLOCH CO INC (718) 784-7330		
Emergency Contact:	WALTER SPREEN (718) 331-5003		
Total Tanks:	0		
Owner:	KINLOCH CO INC 27-10 HUNTERS POINT AVENUE LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	KINLOCH CO INC 27-10 HUNTERS POINT AVENUE LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	Administratively Closed (See Site Staus)		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1976
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	GROUNDWATER WELL		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	01/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/26/1990
Old PBS Number:	Not reported	Expiration Date:	11/20/1995
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-483192	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	KINLOCH CO INC (718) 784-7330		
Emergency Contact:	WALTER SPREEN (718) 331-5003		
Total Tanks:	0		
Owner:	KINLOCH CO INC 27-10 HUNTERS POINT AVENUE		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001841094

LONG ISLAND CITY, NY 11101
(718) 784-7330

Owner Type: Not reported
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330

Tank Status: Administratively Closed (See Site Staus)
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 003
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: GROUNDWATER WELL
Overfill Prot: 2
Date Tested: Not reported
Date Closed: 01/01/1996
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: Minor data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

Install Date: 12/01/1976
Product Stored: UNLEADED GASOLINE
Pipe Internal: Not reported
Pipe Type: GALVANIZED STEEL

Dispenser: Suction
Next Test Date: 12/27/1987
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 11/26/1990
Expiration Date: 11/20/1995
Inspector: Not reported

PBS Number: 2-483192
SPDES Number: Not reported
Operator: KINLOCH CO INC
(718) 784-7330
Emergency Contact: WALTER SPREEN
(718) 331-5003
Total Tanks: 0
Owner: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330

Owner Type: Not reported
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE

CBS Number: Not reported
SWIS ID: 6301

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001841094

LONG ISLAND CITY, NY 11101
(718) 784-7330
Administratively Closed (See Site Staus)
Tank Status:
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 004
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: 2
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: GROUNDWATER WELL
Overfill Prot: 2
Date Tested: Not reported
Date Closed: 01/01/1996
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: Minor data missing
Renew Flag: Renwal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

PBS Number: 2-483192
SPDES Number: Not reported
Operator: KINLOCH CO INC
(718) 784-7330
Emergency Contact: WALTER SPREEN
(718) 331-5003
Total Tanks: 0
Owner: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330
Owner Type: Not reported
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: KINLOCH CO INC
27-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101
(718) 784-7330
Tank Status: Administratively Closed (See Site Staus)
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 005
Tank Type: Steel/carbon steel
Install Date: 12/01/1976
Product Stored: UNLEADED GASOLINE
Pipe Internal: Not reported
Pipe Type: GALVANIZED STEEL
Dispenser: Suction
Next Test Date: 12/27/1987
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing
Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 11/26/1990
Expiration Date: 11/20/1995
Inspector: Not reported
CBS Number: Not reported
SWIS ID: 6301

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

U001841094

Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	GROUNDWATER WELL		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	01/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/26/1990
Old PBS Number:	Not reported	Expiration Date:	11/20/1995
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

This is the most recent NY PBS data for this site.

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY PBS record(s) in the EDR Site Report.

C17
North
< 1/8
399 ft.

BLACK BEAR COMPANY
27-10 HUNTERS POINT BOULEVARD
LONG ISLAND CITY, NY 11101

UST **U002259216**
N/A

Site 7 of 9 in cluster C

Relative:
Higher

Actual:
12 ft.

PBS UST:			
PBS Number:	2-452335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BLACK BEAR (718) 784-7330		
Emergency Contact:	MR. LENNY TRUBIA (718) 326-2465		
Total Tanks:	2		
Owner:	KINLOCH COMPANY INC. 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BLACK BEAR COMPANY INC. ATTN: MR. DEREK CHOU 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	In Service		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002259216

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	101	Install Date:	12/01/1976
Tank Type:	Steel/carbon steel	Product Stored:	USED OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8050	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/21/2000
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-452335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BLACK BEAR (718) 784-7330		
Emergency Contact:	MR. LENNY TRUBIA (718) 326-2465		
Total Tanks:	2		
Owner:	KINLOCH COMPANY INC. 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BLACK BEAR COMPANY INC. ATTN: MR. DEREK CHOU 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002259216

Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	3	Dispenser:	Gravity
Date Tested:	11/01/1989	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8050	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/21/2000
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-452335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BLACK BEAR (718) 784-7330		
Emergency Contact:	MR. LENNY TRUBIA (718) 326-2465		
Total Tanks:	2		
Owner:	KINLOCH COMPANY INC. 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BLACK BEAR COMPANY INC. ATTN: MR. DEREK CHOU 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	3	Dispenser:	Gravity

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

U002259216

Date Tested:	11/01/1989	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8050	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/21/2000
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-452335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BLACK BEAR (718) 784-7330		
Emergency Contact:	MR. LENNY TRUBIA (718) 326-2465		
Total Tanks:	2		
Owner:	KINLOCH COMPANY INC. 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BLACK BEAR COMPANY INC. ATTN: MR. DEREK CHOU 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	3	Dispenser:	Gravity
Date Tested:	11/01/1989	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8050	Renewal Date:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002259216

Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/21/2000
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-452335	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	BLACK BEAR (718) 784-7330		
Emergency Contact:	MR. LENNY TRUBIA (718) 326-2465		
Total Tanks:	2		
Owner:	KINLOCH COMPANY INC. 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BLACK BEAR COMPANY INC. ATTN: MR. DEREK CHOU 27-10 HUNTERS POINT BOULEVARD LONG ISLAND CITY, NY 11101 (718) 784-7330		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	OTHER		
Overfill Prot:	3	Dispenser:	Gravity
Date Tested:	11/01/1989	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8050	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/21/2000
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BLACK BEAR COMPANY (Continued)

EDR ID Number
EPA ID Number

U002259216

Lat/long: Not reported
Facility Type: MANUFACTURING
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

This is the most recent NY PBS data for this site.

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY PBS record(s) in the EDR Site Report.

**C18
NNW
< 1/8
437 ft.**

**PUBLIC SERVICE TRUCK RENT
25-61 49TH AV
LONG ISLAND CITY, NY**

**NY Spills S106010088
N/A**

**Relative:
Higher**

Site 8 of 9 in cluster C

**Actual:
12 ft.**

SPILLS:

DER Facility ID :	179509	CID :	07
Site ID :	216806	Region of Spill:	2
Spill Number:	0209494	SWIS:	4101
Investigator:	SMSANGES	Caller Agency:	MODEL TRUCKING
Caller Name:	JOE LADOLCETTA	Caller Extension:	Not reported
Caller Phone:	(718) 349-6200	Notifier Agency:	SAME
Notifier Name:	DRIVER	Notifier Extension:	Not reported
Notifier Phone:	Not reported	Reported to Dept:	12/16/02
Spill Date:	12/16/02		
Facility Address 2:	Not reported		
Facility Type:	ER	DEC Region :	2
Referred To :	Not reported		
Remediation Phase :	0		
Program Number :	0209494		
Spill Cause:	EQUIPMENT FAILURE	Spill Source:	PRIVATE DWELLING
Water Affected:	Not reported	Facility Tele:	(718) 786-4000
Contact Name:	AL PLASS		
Spill Notifier:	AFFECTED PERSONS		
Spiller:	Not reported		
Spiller Company :	PUBLIC SERVICE TRUCK RENT		
Spiller Address:	2561 49TH AVENUE LONG ISLAND CITY, NY 11101		
Spiller County :	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 12/09/03

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 12/09/03

Date Spill Entered In Computer Data File: 12/16/02

Material

Material ID : 512917
Site ID : 216806
Operable Unit : 01
Operable Unit ID : 860799
Material Code : 0008
Material Name : Diesel

Cleanup Meets Std:False

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUBLIC SERVICE TRUCK RENT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106010088

Case No. : Not reported
Material FA : Petroleum
Quantity : 20.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "SANGESLAND" 12/16/02 - AUSTIN, DDO - SPOKE WITH JOE LADOLCETTA - MODEL TRUCKING DRIVER TOOK VEEDER ROOT READING FOR TWO 4K TANKS ON SITE - TANK # 1 SHOWED 7 GALS., AND TANK # 2 SHOWED 710 GALS. THEY FILLED TANK # 2 WITH 2K OF FUEL, NO PROBLEM. TANK #1 OVERFILLED AT 2200 GALS., AND BACKED UP THROUGH FILL - 20 GALS. SPILLED, ACCORDING TO LADOLCETTA - SPILL WAS IN PARKING LOT; NO IMPACT TO SEWERS - NO SPILL THROUGH VENT - CLAI MS CLEANUP DONE 25 MINUTES AFTER EVENT OCCURRED - SEND FDO (SANGESLAND) TO CHECK SITE TO CONFIRM SPILL CLEANED UP PROPERLY AND STATUS ON CORRECTING VEEDER ROOT PROBLEM (MR. PLASS IS CONTACT FOR THIS LATTER ISSUE). 718-349-6200. 12/16/02 Sanges land met on site with Mr. Plass. Area is a parking lot with buried tank(s)? Area around the fill boxes show evidence of long term surface spills. Area appears to be solid cement and/or blacktop with a 1" to 3" layer of surface oily mud. Sanges land requested this surface area be cleaned and documentation of cleaning (photographs) be forwarded to this office. The quantity of oily soil appeared to be very minor, it is more an odor nuisance problem for people walking on the adjacent sidewalk.
Remark: alarm not working on tank caused spill all cleaned up

C19
NNW
< 1/8
437 ft.
Relative:
Higher
Actual:
12 ft.

PUBLIC SERVICE TRUCK RENTING
25-61 49TH AVE
LONG ISLAND CITY, NY 11101
Site 9 of 9 in cluster C

RCRA-SQG
FINDS
UST
1001029171
NYS009000076

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUBLIC SERVICE TRUCK RENTING (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001029171

RCRAInfo:

Owner: PUBLIC SERVICE TRUCK RENTING
(718) 786-4000
EPA ID: NYS009000076
Contact: AL PLASS
(718) 786-4000

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PBS UST:

PBS Number:	2-482536	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	PUBLIC SERVICE TRUCK RENTING (718) 786-4000		
Emergency Contact:	ALAN PLASS (631) 331-9857		
Total Tanks:	2		
Owner:	PUBLIC SERVICE TRUCK RENTING 25-61 49TH AVENUE LONG ISLAND CITY, NY 11101 (718) 786-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PUBLIC SERVICE TRUCK RENTING ATTN: ALAN PLASS 25-61 49TH AVENUE LONG ISLAND CITY, NY 11101 (718) 786-4000		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	03/01/1990
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	SACRIFICIAL ANODE		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUBLIC SERVICE TRUCK RENTING (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001029171

Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	09/15/2000
Old PBS Number:	Not reported	Expiration Date:	10/23/2005
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-482536	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	PUBLIC SERVICE TRUCK RENTING (718) 786-4000		
Emergency Contact:	ALAN PLASS (631) 331-9857		
Total Tanks:	2		
Owner:	PUBLIC SERVICE TRUCK RENTING 25-61 49TH AVENUE LONG ISLAND CITY, NY 11101 (718) 786-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PUBLIC SERVICE TRUCK RENTING ATTN: ALAN PLASS 25-61 49TH AVENUE LONG ISLAND CITY, NY 11101 (718) 786-4000		
Tank Status:	In Service	Install Date:	03/01/1990
Capacity (gals):	4000	Product Stored:	DIESEL
Tank Location:	UNDERGROUND	Pipe Internal:	NONE
Tank Id:	002	Pipe Type:	GALVANIZED STEEL
Tank Type:	Fiberglass reinforced plastic [FRP]		
Tank Internal:	NONE		
Pipe Location:	Underground		
Tank External:	FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	SACRIFICIAL ANODE		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	09/15/2000
Old PBS Number:	Not reported	Expiration Date:	10/23/2005
Inspected Date:	Not reported	Inspector:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUBLIC SERVICE TRUCK RENTING (Continued)

EDR ID Number
EPA ID Number

1001029171

Inspection Result: Not reported
Lat/long: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

E20 28-20 BORDEN AVE
SSE 28-20 BORDEN AVE
< 1/8 LONG ISLAND CITY, NY
554 ft.

NY Spills S103570682
NY Hist Spills N/A

Site 1 of 2 in cluster E

Relative:
Higher

SPILLS:

Actual:
9 ft.

DER Facility ID : 118522
Site ID : 138620
Spill Number: 9702480
Investigator: SMMARTIN
Caller Name: PETTY OFFICER NAUSS
Caller Phone: (212) 668-7920
Notifier Name: NATIONAL RESPONSE CENTER
Notifier Phone: (800) 424-8802
Spill Date: 05/28/97
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9702480
Spill Cause: OTHER
Water Affected: Not reported
Contact Name: LAURA KOWALSKY
Spill Notifier: FEDERAL GOVERNMENT
Spiller: LAURA KOWALSKY
Spiller Company : EWT CONTRACTORS
Spiller Address: 47-47 58TH ST
WOODSIDE, NY
Spiller County : 001
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: US COAST GUARD
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 05/28/97

DEC Region : 2

Spill Source: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
Facility Tele: (718) 533-8306

Spill Closed Dt: 05/28/97

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 05/29/97

Date Spill Entered In Computer Data File: 05/28/97

Material

Material ID : 335417
Site ID : 138620
Operable Unit : 01
Operable Unit ID : 1048468
Material Code : 0026A
Material Name : ASBESTOS
Case No. : 01332214
Material FA : Hazardous Material
Quantity : 3000.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

28-20 BORDEN AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103570682

Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"MARTINKAT" REFER TO DEP HAZMAT.

Remark: 3000 SQ FEET OF MATERIAL CONTAINMATED THE SOIL AT ABOVE SITE DUE TO
REMOVING A ROOF - AREA WAS CLEANED UP AND SOIL WAS REMOVED

HIST SPILLS:

Spill Number:	9702480	Region of Spill:	2
Investigator:	MARTINKAT	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	05/23/1997 16:30	Reported to Dept:	05/28/97 14:34
Spill Cause:	Other	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Facility Contact:	LAURA KOWALSKY	Facility Tele:	(718) 533-8306
Spill Notifier:	Federal Government	PBS Number:	Not reported
Spiller Contact:	LAURA KOWALSKY	Spiller Phone:	(718) 533-8306
Spiller:	EWT CONTRACTORS		
Spiller Address:	47-47 58TH ST WOODSIDE, NY		

DEC Remarks : REFER TO DEP HAZMAT.

Remark: 3000 SQ FEET OF MATERIAL CONTAINMATED THE SOIL AT ABOVE SITE DUE TO
REMOVING A ROOF - AREA WAS CLEANED UP AND SOIL WAS REMOVED

Spill Class: Possible release with minimal potential for fire or hazard or Known
release with no damage. DEC Response. Willing Responsible Party.
Corrective action taken.

Material:

Material Class Type: 2
Quantity Spilled: 3000
Units: Gallons
Unknown Qty Spilled: 3000
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: ASBESTOS
Class Type: Hazardous
Chem Abstract Service Number: ASBESTOS
Last Date: Not reported
Num Times Material Entry In File: 0

Spill Closed Dt: 05/28/97

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Dt/ /

Cleanup Meets Std:False

Enforcement Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28-20 BORDEN AVE (Continued)

S103570682

Invstgn Complete: / / UST Involvement: False
Spill Record Last Update: 05/29/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/28/97
Date Region Sent Summary to Central Office: / /

E21
SSE
< 1/8
554 ft.

SPRING SCAFFOLDING INC
28-20 BORDEN AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG 1007111851
NY MANIFEST NY0000100735

Site 2 of 2 in cluster E

**Relative:
Higher**

RCRAInfo:
Owner: GREAT EASTERN INDUSTRIES INC
(718) 784-1364
EPA ID: NY0000100735
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

**Actual:
9 ft.**

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2003

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	4000.00	F003	4000.00

Violation Status: Violations exist

Regulation Violated: 371.1(f)(7)(i)
Area of Violation: NYGCE
Date Violation Determined: 05/25/2004
Actual Date Achieved Compliance: 06/28/2004
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/03/2004
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>
Compliance Evaluation Inspection	NYGCE

Date of
Compliance
20040628

NY MANIFEST:

Document ID: NJA2221513
Manifest Status: C
Trans1 State ID: 08690
Trans2 State ID: S0602
Generator Ship Date: 960301
Trans1 Recv Date: 960301
Trans2 Recv Date: 960305
TSD Site Recv Date: 960305
Part A Recv Date: 960308
Part B Recv Date: 960319
Generator EPA ID: NY0000100735
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: NYD980769947
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01062

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SPRING SCAFFOLDING INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007111851

Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: NY0000100735
Facility Name: GREAT EASTERN INDUSTRIES
Facility Address: 28-20 BORDEN AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: GREAT EASTERN INDUSTRIES
Mailing Contact: HECTOR L RAMOS
Mailing Address: 28-20 BORDEN AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-784-1364

[Click this hyperlink](#) while viewing on your computer to access
17 additional NY MANIFEST: record(s) in the EDR Site Report.

F22
ENE
< 1/8
612 ft.

NATIONAL ENVELOPE
2910 HUNTER POINT AV
LONG ISLAND, NY

NY Spills
NY Hist Spills
S102240373
N/A

Site 1 of 5 in cluster F

Relative:
Higher

Actual:
10 ft.

SPILLS:

DER Facility ID : 204696
Site ID : 249700
Spill Number: 9604370
Investigator: O'DOWD
Caller Name: PETER LEPORE
Caller Phone: (718) 852-7000
Notifier Name: MERRIT GALFORD
Notifier Phone: Not reported
Spill Date: 07/01/96
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9604370
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: RESPONSIBLE PARTY
Spiller: Not reported
Spiller Company : NATIONAL ENVELOPE
Spiller Address: 2910 HUNTER POINT AV
LONG ISLAND, NY 13207
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

CID : 211
Region of Spill: 2
SWIS: 4101
Caller Agency: WHALECO FUEL
Caller Extension: Not reported
Notifier Agency: DRIVER
Notifier Extension: Not reported
Reported to Dept: 07/01/96
DEC Region : 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: (718) 786-0300

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NATIONAL ENVELOPE (Continued)

S102240373

Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 07/08/96

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 08/28/96

Date Spill Entered In Computer Data File: 07/01/96

Material

Material ID : 350661

Site ID : 249700

Operable Unit : 01

Operable Unit ID : 1035468

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 75.00

Units : G

Recovered : 75

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

DEC Remarks : Not reported

Remark: DEFECTIVE GAUGE ON FUEL TANK CAUSED SPILL - SPILL HAS BEEN CLEANED UP

HIST SPILLS:

Spill Number: 9604370

Investigator: O'DOWD

Caller Name: Not reported

Caller Phone: Not reported

Notifier Name: Not reported

Notifier Phone: Not reported

Spill Date: 07/01/1996 13:45

Spill Cause: Equipment Failure

Water Affected: Not reported

Facility Contact: Not reported

Spill Notifier: Responsible Party

Spiller Contact: Not reported

Spiller: NATIONAL ENVELOPE

Spiller Address: 2910 HUNTER POINT AV
LONG ISLAND, NY 13207

Region of Spill: 2

SWIS: 63

Caller Agency: Not reported

Caller Extension: Not reported

Notifier Agency: Not reported

Notifier Extension: Not reported

Reported to Dept: 07/01/96 19:15

Resource Affected: On Land

Spill Source: Other Commercial/Industrial

Facility Tele: (718) 786-0300

PBS Number: Not reported

Spiller Phone: (718) 786-0300

DEC Remarks : 7/2/96 - 20K UST 2 OIL @11:30am ARRIVED @ SITE - MET WITH ZORY - FILL
CONTAINED @ FILL CAP - APPLIED SORBENT THEN SPEEDY DRY - OIL STAINING
STILL ON SIDEWALK - NEED MORE WORK DONE IN PARKING LOT - ZORY SAID NO
OIL IN WATERWAY - @ 11:45am LEFT MESSA
GE FOR PETER LAPORE - GUYS SUPPOSED TO GO BACK TO FINISH - LEFT MESSAGE
FOR HIM TO CALL ME WHEN WORK IS COMPLETED SO DEC CAN INSPECT.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NATIONAL ENVELOPE (Continued)

S102240373

Remark: DEFECTIVE GAUGE ON FUEL TANK CAUSED SPILL - SPILL HAS BEEN CLEANED UP
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 1
Quantity Spilled: 75
Units: Gallons
Unknown Qty Spilled: 75
Quantity Recovered: 75
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Spill Closed Dt: 07/08/96
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Invstgn Complete: / /
Spill Record Last Update: 08/28/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/01/96
Date Region Sent Summary to Central Office: / /
Cleanup Meets Std: False
Enforcement Date: / /
UST Involvement: False

F23
ENE
< 1/8
612 ft.

NEW YORK ENVELOPE CORPORATION
29-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101

RCRA-SQG 1000136807
FINDS NYD001344886
NY MANIFEST
MANIFEST

Site 2 of 5 in cluster F

Relative:
Higher

RCRAInfo:
Owner: HUNTERSPPOINT AVE CO
(212) 751-4627
EPA ID: NYD001344886
Contact: ZORY GINZBURG
(718) 786-0300

Actual:
10 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/19/2000
Actual Date Achieved Compliance: 07/14/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/06/1998
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/2000
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 05/19/2000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK ENVELOPE CORPORATION (Continued)

EDR ID Number
EPA ID Number

1000136807

Actual Date Achieved Compliance: 07/17/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/2000
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 05/19/2000
Actual Date Achieved Compliance: 07/17/2000
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/2000
Penalty Type: Not reported
Regulation Violated: 6nycrr372.2(a)(8)(ii)&373.1.1(
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 10/06/1998
Actual Date Achieved Compliance: 10/30/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/06/1998
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/2000
Penalty Type: Not reported

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20000714
	GENERATOR-MANIFEST REQUIREMENTS	20000717
	GENERATOR-LAND BAN REQUIREMENTS	20000717
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981030

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYC6454653
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 07/24/2001
Trans1 Recv Date: 07/24/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/30/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001344886
Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSD ID: ILP284920
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00009

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NEW YORK ENVELOPE CORPORATION (Continued)

1000136807

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 01
Facility Type: Generator
EPA ID: NYD001344886
Facility Name: NEW YORK ENVELOPE CORPORATION
Facility Address: 29-10 HUNTERS POINT AVENUE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: NASSAU
Mailing Name: NEW YORK ENVELOPE CORPORATION
Mailing Contact: JOHN CIFU
Mailing Address: 29-10 HUNTERS POINT AVENUE
Mailing City: LONG ISLAND CITY7
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 716-786-0300

[Click this hyperlink](#) while viewing on your computer to access
279 additional NY MANIFEST: record(s) in the EDR Site Report.

PA MANIFEST:

Manifest Number: PAH159755
Manifest Type: T
Generator Epa Id: NYD001344886
Generator Date: 09/23/2004
Mailing Address: 29-10 HUNTERS POINT AVE
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101
Contact Name: Not reported
Contact Phone: 718-786-0300
TSD Epa Id: PAD987367216
TSD Date: 10/06/2004
TSD Facility Name: A E R C COM ADVANCED ENVIRONMENTAL RECYCLING
TSD Facility Address: 2591 MITCHELL AVE
TSD Facility City: ALLENTOWN
TSD Facility State: PA
Page Number: 1.00000
Line Number: 1.00000
Waste Number: D009
Container Number: 4.00000
Container Type: DM
Waste Quantity: 1600.00000
Unit: P
Handling Code: Not reported
Tsp Epa Id: NJD054126164
Date Tsp Sig: 09/23/2004

[Click this hyperlink](#) while viewing on your computer to access
additional PA MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F24
ENE
< 1/8
612 ft.

NY ENVELOPE
2910 HUNTERS POINT AV
LONG ISLAND CITY, NY

LTANKS
HIST LTANKS
S103592540
N/A

Site 3 of 5 in cluster F

Relative:
Higher

LTANKS:

Actual:
10 ft.

Spill Number: 0102148
Facility ID: 0102148
Site ID: 313258
Spill Date: 05/25/01
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: GWHEITZM
Caller Name: MICHAEL SEPE
Caller Phone: (631) 586-4900
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: KEN CASPER
Spiller: KEN CASPER
Spiller Company: NY ENVELOPE
Spiller Address: 2910 HUNTERS POINT AV
LONG ISLAND CITY, NY

Region of Spill: 2
DER Facility ID: 252585
CID: 07
Reported to Dept: 05/25/01
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (718) 847-1800
SWIS: 4101
Caller Agency: FENLEY AND NICHOL
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 847-1800

Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 06/17/05

Spill Notifier: TANK TESTER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 06/20/05

Date Spill Entered In Computer Data File: 05/25/01

Remediation Phase: 0

Program Number: 0102148

Regional Use: Not reported

Material

Material ID : 534271

Site ID : 313258

Operable Unit : 01

Operable Unit ID : 840969

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NY ENVELOPE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103592540

Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 899
Site ID : 313258
Tank Number : 1
Tank Size : 20000
Test Method : 03
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"SANGESLAND" 6/16/05 Heitzman: See PBS #2-311774. 20,000-gallon
tank is still in service, and was re-tested on 6/11/01. PBS permit was
issued and tank is due to be re-tested by
6/11/06. Close spill.

Remark: tank will be excavated and will isolate

HIST LTANKS:

Spill Number:	0102148	Region of Spill:	2
Spill Date:	05/25/2001 13:00	Reported to Dept:	05/25/01 14:47
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	KEN CASPER	Facility Tele:	(718) 847-1800
Investigator:	SANGESLAND	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	KEN CASPER	Spiller Phone:	(718) 847-1800
Spiller:	NY ENVELOPE		
Spiller Address:	2910 HUNTERS POINT AV LONG ISLAND CITY, NY		

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /
Spill Notifier: Tank Tester
Cleanup Ceased: / /
Last Inspection: / /

PBS Number: 2-311774

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/29/01
Is Updated: False

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/25/01
Date Region Sent Summary to Central Office: / /

Tank Test:
PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NY ENVELOPE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103592540

Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 20000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: tank will be excavated and will isolate

F25
ENE
< 1/8
612 ft.

NY ENVELOPE CORP
29-10 HUNTERSPPOINT AVE.
QUEENS, NY

NY Spills S106010174
N/A

Site 4 of 5 in cluster F

Relative:
Higher

SPILLS:

Actual:
10 ft.

DER Facility ID : 68514
Site ID : 72618
Spill Number: 0209638
Investigator: JXZHAO
Caller Name: DISP 862
Caller Phone: (718) 847-6600
Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 12/19/02
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 0209638
Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: FIRE DEPARTMENT
Spiller: Not reported
Spiller Company : SAME
Spiller Address: NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt: 12/19/02
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Regional Use: Not reported
Spill Record Last Update: 08/21/03
Date Spill Entered In Computer Data File: 12/19/02
CID : 211
Region of Spill: 2
SWIS: 4101
Caller Agency: QUEENS FD
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 12/19/02
DEC Region : 2
Spill Source: UNKNOWN
Facility Tele: (718) 786-0300
Cleanup Meets Std: False

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NY ENVELOPE CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106010174

Material
Material ID : 513065
Site ID : 72618
Operable Unit : 01
Operable Unit ID : 862853
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : Yes
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"ZHAO" 12/19/02 - AUSTIN, DDO - ZHAO RESPONDED AND FOUND COLORED INK IN
DUTCH KILLS ADJACENT TO NY ENVELOPE - INVESTIGATED W/ ECO LUM - FOUND
DRAIN INTO KILLS - DYE TEST WIL BE DONE
BY DLE -DEP AND USCG ON SCENE - NO FURTHER ACTION NEEDED BY SPILLS
-CLOSE
Remark: unk quantity of INK spilled - fire dept on scene attempting to clean up
- INK poss coming from NY ENVELOPE

F26
ENE
< 1/8
612 ft.

29-10 HUNTERS POINT AVE
29-10 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101

UST U000406165
N/A

Site 5 of 5 in cluster F

Relative:
Higher

PBS UST:
PBS Number: 2-311774 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: NEW YORK ENVELOPE CORP
(212) 751-4627
Emergency Contact: NEW YORK ENVELOPE CORP
(718) 786-0300
Total Tanks: 1
Owner: 29-10 HUNTERS POINT AVENUE CO. L.L.C.
60 EAST 56TH STREET 7TH FLOOR
LONG ISLAND CITY, NY 10022
(212) 751-4627
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: 29-10 HUNTERS POINT AVENUE CO. L.L.C.
60 EAST 56TH STREET 7TH FLOOR
LONG ISLAND CITY, NY 10022
(212) 751-4627
Tank Status: In Service

Actual:
10 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

29-10 HUNTERS POINT AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000406165

Capacity (gals):	20000		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	07/01/1996	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	20000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/20/1998
Old PBS Number:	Not reported	Expiration Date:	01/07/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

27
West
1/8-1/4
706 ft.

NYCDEP
25-25 51ST AVE
QUEENS, NY 11101

NY MANIFEST 1009235623
N/A

Relative:
Higher

NY MANIFEST:

Actual:
13 ft.

Document ID:	NYG1612611
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	12/28/1999
Trans1 Recv Date:	12/28/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/29/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP003660958
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	PC4340NY
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NYCDEP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1009235623

Quantity: 01200
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99
Facility Type: Generator
EPA ID: NYP003660958
Facility Name: NYCDEP
Facility Address: 25-25 51ST AVE
Facility City: QUEENS
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: NYCDEP
Mailing Contact: CHRIS HAAS
Mailing Address: 50-17 JUNCTION BLVD
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11368
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 917-769-1263

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

G28
WSW
1/8-1/4
716 ft.

NEW YORK APPLE TOURS MAINTENANCE CORP.
25-50 BORDEN AVENUE
LONG ISLAND CITY, NY 11101

AST A100169074
N/A

Site 1 of 4 in cluster G

Relative:
Higher

Actual:
15 ft.

PBS AST:
PBS Number: 2-604694 CBS Number: Not reported
SPDES Number: Not reported SWIS Code: 6301
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 4 - Subpart 360-14 only (active)
Facility Type: OTHER
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: WERWAISS REALTY CO.
230 PARK AVENUE, SUITE 945
NEW YORK, NY 10169
Owner Phone: (212) 983-0044
Facility Phone: (718) 786-0114
Operator: F. SAMALOT
Emergency Name: H. GRANT
Emergency Phone: (212) 944-9700
Total Tanks: 1
Total Capacity: 275
Tank ID: 001
Capacity (Gal): 275
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND
Product Stored: USED OIL
Tank Type: Stainless steel alloy

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK APPLE TOURS MAINTENANCE CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

A100169074

Install Date: 07/01/2000
Tank Internal: NONE
Tank External: NONE
Tank Containment: DOUBLED-WALLED TANK
Pipe Type: NONE
Pipe Location: None
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: Not reported
Overfill Protection: Not reported
Dispenser Method: Suction
Date Tested: / / Next Test Date: / /
Date Closed: / / Test Method: Not reported
Updated: True Deleted: False
Date Inspected: Not reported Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: NEW YORK APPLE TOURS MAINTENANCE CORP.
Mailing Address: 1040 AVENUE OF THE AMERICAS
18TH FLOOR
NEW YORK, NY 10018
Mailing Contact: LEGAL DEPT.
Mailing Telephone: (212) 944-9700
Owner Mark: First Owner Expiration Date: 09/18/2005
Certification Flag: False Certification Date: 09/22/2000
Renew Flag: False Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

G29
WSW
1/8-1/4
742 ft.

HORIZON 25 REAL ESTATE CORP.
25-25 BORDEN AVENUE
LONG ISLAND CITY, NY 11101

UST U003178558
N/A

Site 2 of 4 in cluster G

Relative:
Higher

Actual:
15 ft.

PBS UST:
PBS Number: 2-602971 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: JAMES DIMUZO
(718) 687-0090
Emergency Contact: BONNIE SHAPIRO
(718) 687-0090
Total Tanks: 1
Owner: HORIZON 25 REAL ESTATE CORP.
20 EAST 46 STREET, 15TH FLOOR
NEW YORK, NY 11101
(212) 687-0090
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: FAIRCHILD PROPERTIES, LTD.
ATTN: BONNIE SHAPIRO

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HORIZON 25 REAL ESTATE CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003178558

20 EAST 46 STREET, 15TH FLOOR
NEW YORK, NY 11101
(212) 687-0090

Tank Status:	In Service	Install Date:	05/01/1913
Capacity (gals):	2500	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS	Pipe Internal:	Not reported
Tank Id:	001	Pipe Type:	Not reported
Tank Type:	Steel/carbon steel		
Tank Internal:	NONE		
Pipe Location:	Not reported		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2500	Renewal Date:	12/17/2001
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/17/1997
Old PBS Number:	Not reported	Expiration Date:	04/07/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

G30
WSW
1/8-1/4
757 ft.

25-19 BORDEN AV
QUEENS, NY

LTANKS **S105997876**
N/A

Site 3 of 4 in cluster G

Relative:
Higher

Actual:
15 ft.

LTANKS:

Spill Number:	0210249	Region of Spill:	2
Facility ID:	0210249	DER Facility ID:	166102
Site ID:	199555	CID:	211
Spill Date:	01/10/03	Reported to Dept:	01/10/03
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(718) 624-4842
Investigator:	MXTIPPLE	SWIS:	4101
Caller Name:	RAY LARA	Caller Agency:	PETROLEUM TANK
Caller Phone:	(718) 624-4842	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	RAY LARA	Spiller Phone:	(718) 624-4842
Spiller:	RAY LARA		
Spiller Company:	Not reported		
Spiller Address:	25-19 BORDEN AV		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S105997876

Spiller County: QUEENS, NY
Spill Class: 001
Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 03/18/04

Spill Notifier: OTHER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 03/18/04

Date Spill Entered In Computer Data File: 01/10/03

Remediation Phase: 0

Program Number: 0210249

Regional Use: Not reported

Material

Material ID : 513640

Site ID : 199555

Operable Unit : 01

Operable Unit ID : 863462

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 50.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Tank Test

Spill Tank Test : Not reported

Site ID : Not reported

Tank Number : Not reported

Tank Size : Not reported

Test Method : Not reported

Leak Rate : Not reported

Gross Fail : Not reported

Modified By : Not reported

Last Modified : Not reported

Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"TIPPLE" 3/18/04 TIPPLE REVIEWED SUBMITTAL //CA RICH AND PTC//NO FURTHER
ACTION

Remark: 2000 gal ast leaking - caller on site doing clean up - site is warehouse

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G31
WSW
1/8-1/4
757 ft.

VARIETY SCENIC STUDIOS
25-19 BORDEN AVE
LONG ISLAND CITY, NY 11101

AST **U003386873**
N/A

Site 4 of 4 in cluster G

Relative:
Higher

PBS AST:

Actual:
15 ft.

PBS Number: 2-194786 CBS Number: Not reported
SPDES Number: Not reported SWIS Code: 6301
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: PAYMER REALTY C/O BRESSLER
832 WOODLAND CT
CORAM, NY 11753
Owner Phone: (516) 736-8003
Facility Phone: (718) 392-4747
Operator: V ARIETY SCENIC STUDIOS
Emergency Name: BOB HUTCHINSON
Emergency Phone: (718) 507-6818
Total Tanks: 1
Total Capacity: 2000
Tank ID: 001
Capacity (Gal): 2000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: 12/01/1971
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: VAULT
Pipe Type: STEEL/IRON
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / / Next Test Date: / /
Date Closed: / / Test Method: Not reported
Updated: False Deleted: False
Date Inspected: Not reported Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: VARIETY SCENIC STUDIOS
Mailing Address: 25-19 BORDEN AVENUE
LONG ISLAND CITY, NY 11101
Mailing Contact: SUPER FACILITY MANAGER
Mailing Telephone: (718) 392-4747
Owner Mark: First Owner
Certification Flag: False Expiration Date: 07/07/2002
Renew Flag: False Certification Date: 06/18/1998
Lat/Long: Not reported Renew Date: / /
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VARIETY SCENIC STUDIOS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003386873

Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

32
NW
1/8-1/4
791 ft.

ALLIED BRONZE CORP
25-11 HUNTERS POINT AVENUE
LONG ISLAND CITY, NY 11101

AST U003390612
N/A

Relative:
Higher

PBS AST:

Actual:
11 ft.

PBS Number: 2-159360 CBS Number: Not reported
SPDES Number: Not reported SWIS Code: 6301
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than
1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: BOKO DEVELOPEMENT CORP
25-11 HUNTERS POINT AVE
LONG ISLAND, NY 11101
Owner Phone: (718) 361-8822
Facility Phone: (718) 361-8822
Operator: RICHARD DESOUSA-H-7186722719
Emergency Name: PAUL GIANFERRARA
Emergency Phone: (718) 361-8822
Total Tanks: 1
Total Capacity: 5000
Tank ID: 001
Capacity (Gal): 5000
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: VAULT
Pipe Type: STEEL/IRON
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / / Next Test Date: / /
Date Closed: / / Test Method: Not reported
Updated: False Deleted: False
Date Inspected: Not reported Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: BOKO DEVELOPEMENT CORP
Mailing Address: 25-11 HUNTERS POINT AVE
LONG ISLAND CITY, NY 11101
Mailing Contact: RON KOENING
Mailing Telephone: (718) 361-8822
Owner Mark: First Owner Expiration Date: 08/26/2002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALLIED BRONZE CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003390612

Certification Flag: False Certification Date: 08/25/1997
Renew Flag: False Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

**H33
SSE
1/8-1/4
815 ft.**

**A A TRUCK RENTING CORP
2890 REVIEW ST
LONG ISLAND CITY, NY 11101**

**RCRA-SQG
FINDS
NY MANIFEST**

**1000134815
NYD012473583**

**Relative:
Higher**

Site 1 of 5 in cluster H

**Actual:
8 ft.**

RCRAInfo:
Owner: UNKNOWN
(212) 555-1212
EPA ID: NYD012473583
Contact: MICHAEL REVIA
(718) 937-8611
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYC6439116
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 07/12/2001
Trans1 Recv Date: 07/12/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/16/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012473583
Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSDF ID: NYJE7533
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00077
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A A TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

1000134815

Specific Gravity: 01.00
Year: 01
Facility Type: Generator
EPA ID: NYD012473583
Facility Name: A A TRUCK RENTING CORPORATION
Facility Address: 28-90 REVIEW STREET
Facility City: QUEENS
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: A A TRUCK RENTING CORPORATION
Mailing Contact: ANTHONY DELGADO
Mailing Address: 28-90 REVIEW STREET
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-937-8611

[Click this hyperlink](#) while viewing on your computer to access
121 additional NY MANIFEST: record(s) in the EDR Site Report.

H34
SSE
1/8-1/4
815 ft.

AA TRUCK RENTING CORP
28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101

UST **U003074623**
AST **N/A**

Relative:
Higher

Site 2 of 5 in cluster H

Actual:
8 ft.

PBS UST:
PBS Number: 2-238643 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: AA TRUCK RENTING CORP
(718) 937-8611
Emergency Contact: PAUL A LANCIOTTI
(718) 937-8611
Total Tanks: 8
Owner: AA TRUCK RENTING CORPORATION
28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
(718) 937-8611
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: AA TRUCK RENTING CORPORATION
ATTN: PAUL A. LANCIOTTI
28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
(718) 937-8611
Tank Status: In Service
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 001 Install Date: 09/01/1971
Tank Type: Steel/carbon steel Product Stored: DIESEL
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: 2 Pipe Type: GALVANIZED STEEL
Tank External: Not reported
Missing Data for Tank: Minor Data Missing

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Pipe External:	Not reported	Dispenser:	Suction
Second Containment:	NONE	Next Test Date:	09/01/2003
Leak Detection:	NONE	Test Method:	USTest 2000
Overfill Prot:	2	Updated:	True
Date Tested:	09/01/1998	Owner Screen:	No data missing
Date Closed:	Not reported	Fiscal amount for registration fee is correct	
Deleted:	False	Renewal Date:	Not reported
Dead Letter:	False	Federal ID:	Not reported
FAMT:		Facility Screen:	No data missing
Total Capacity:	18100	Certification Date:	10/29/1998
Tank Screen:	Minor data missing	Expiration Date:	10/23/2002
Renew Flag:	Renwal has not been printed	Inspector:	Not reported
Certification Flag:	False		
Old PBS Number:	Not reported		
Inspected Date:	Not reported		
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-238643	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	AA TRUCK RENTING CORP (718) 937-8611		
Emergency Contact:	PAUL A LANCIOTTI (718) 937-8611		
Total Tanks:	8		
Owner:	AA TRUCK RENTING CORPORATION 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101 (718) 937-8611		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	AA TRUCK RENTING CORPORATION ATTN: PAUL A. LANCIOTTI 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101 (718) 937-8611		
Tank Status:	In Service	Install Date:	09/01/1971
Capacity (gals):	4000	Product Stored:	DIESEL
Tank Location:	UNDERGROUND	Pipe Internal:	Not reported
Tank Id:	002	Pipe Type:	GALVANIZED STEEL
Tank Type:	Steel/carbon steel		
Tank Internal:	Not reported		
Pipe Location:	2		
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	09/01/1998	Next Test Date:	09/01/2003
Date Closed:	Not reported	Test Method:	USTest 2000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	18100	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	10/29/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-238643	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	AA TRUCK RENTING CORP (718) 937-8611		
Emergency Contact:	PAUL A LANCIOTTI (718) 937-8611		
Total Tanks:	8		
Owner:	AA TRUCK RENTING CORPORATION 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101 (718) 937-8611		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	AA TRUCK RENTING CORPORATION ATTN: PAUL A. LANCIOTTI 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101 (718) 937-8611		
Tank Status:	In Service	Install Date:	09/01/1971
Capacity (gals):	4000	Product Stored:	DIESEL
Tank Location:	UNDERGROUND	Pipe Internal:	Not reported
Tank Id:	003	Pipe Type:	GALVANIZED STEEL
Tank Type:	Steel/carbon steel		
Tank Internal:	Not reported		
Pipe Location:	2		
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	09/01/1998	Next Test Date:	09/01/2003
Date Closed:	Not reported	Test Method:	USTest 2000
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	18100	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Certification Flag:	False	Certification Date:	10/29/1998
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS AST:			
PBS Number:	2-238643	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	AA TRUCK RENTING CORPORATION 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 937-8611		
Facility Phone:	(718) 937-8611		
Operator:	AA TRUCK RENTING CORP		
Emergency Name:	PAUL A LANCIOTTI		
Emergency Phone:	(718) 937-8611		
Total Tanks:	8		
Total Capacity:	18100		
Tank ID:	004		
Capacity (Gal):	5000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	09/01/1971		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	AA TRUCK RENTING CORPORATION		
Mailing Address:	28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101		
Mailing Contact:	PAUL A. LANCIOTTI		
Mailing Telephone:	(718) 937-8611		
Owner Mark:	First Owner	Expiration Date:	10/23/2002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Certification Flag:	False	Certification Date:	10/29/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
Fiscal Amount for Registration Fee is Correct:	True		
PBS Number:	2-238643	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	AA TRUCK RENTING CORPORATION 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 937-8611		
Facility Phone:	(718) 937-8611		
Operator:	AA TRUCK RENTING CORP		
Emergency Name:	PAUL A LANCIOTTI		
Emergency Phone:	(718) 937-8611		
Total Tanks:	8		
Total Capacity:	18100		
Tank ID:	005		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	09/01/1971		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	AA TRUCK RENTING CORPORATION		
Mailing Address:	28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101		
Mailing Contact:	PAUL A. LANCIOTTI		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AA TRUCK RENTING CORP (Continued)

U003074623

Mailing Telephone:	(718) 937-8611	Expiration Date:	10/23/2002
Owner Mark:	First Owner	Certification Date:	10/29/1998
Certification Flag:	False	Renew Date:	/ /
Renew Flag:	False		
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
Fiscal Amount for Registration Fee is Correct:	True		
PBS Number:	2-238643	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	AA TRUCK RENTING CORPORATION 28-90 REVIEW AVENUE LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 937-8611		
Facility Phone:	(718) 937-8611		
Operator:	AA TRUCK RENTING CORP		
Emergency Name:	PAUL A LANCIOTTI		
Emergency Phone:	(718) 937-8611		
Total Tanks:	8		
Total Capacity:	18100		
Tank ID:	006		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	09/01/1971		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	AA TRUCK RENTING CORPORATION		
Mailing Address:	28-90 REVIEW AVENUE		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AA TRUCK RENTING CORP (Continued)

U003074623

LONG ISLAND CITY, NY 11101
Mailing Contact: PAUL A. LANCIOTTI
Mailing Telephone: (718) 937-8611
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Expiration Date: 10/23/2002
Certification Date: 10/29/1998
Renew Date: / /
Fiscal Amount for Registration Fee is Correct: True
PBS Number: 2-238643
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
CBS Number: Not reported
SWIS Code: 6301
Previous PBS#: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: AA TRUCK RENTING CORPORATION
28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
Owner Phone: (718) 937-8611
Facility Phone: (718) 937-8611
Operator: AA TRUCK RENTING CORP
Emergency Name: PAUL A LANCIOTTI
Emergency Phone: (718) 937-8611
Total Tanks: 8
Total Capacity: 18100
Tank ID: 007
Capacity (Gal): 275
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: 09/01/1971
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: GALVANIZED STEEL
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Not reported
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: False
Date Inspected: Not reported
Result of Inspection: Not reported
Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Mailing Name: AA TRUCK RENTING CORPORATION
Mailing Address: 28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
Mailing Contact: PAUL A. LANCIOTTI
Mailing Telephone: (718) 937-8611
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Expiration Date: 10/23/2002
Certification Date: 10/29/1998
Renew Date: / /
Fiscal Amount for Registration Fee is Correct: True
PBS Number: 2-238643
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
CBS Number: Not reported
SWIS Code: 6301
Previous PBS#: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: AA TRUCK RENTING CORPORATION
28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
Owner Phone: (718) 937-8611
Facility Phone: (718) 937-8611
Operator: AA TRUCK RENTING CORP
Emergency Name: PAUL A LANCIOTTI
Emergency Phone: (718) 937-8611
Total Tanks: 8
Total Capacity: 18100
Tank ID: 008
Capacity (Gal): 275
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: OTHER
Tank Type: Steel/carbon steel
Install Date: 09/01/1971
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: GALVANIZED STEEL
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: NONE
Overfill Protection: Not reported
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: False
Next Test Date: / /
Test Method: Not reported
Deleted: False

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AA TRUCK RENTING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003074623

Date Inspected: Not reported Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: AA TRUCK RENTING CORPORATION
Mailing Address: 28-90 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
Mailing Contact: PAUL A. LANCIOTTI
Mailing Telephone: (718) 937-8611
Owner Mark: First Owner Expiration Date: 10/23/2002
Certification Flag: False Certification Date: 10/29/1998
Renew Flag: False Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: Minor data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

H35
SSE
1/8-1/4
823 ft.

ACCESS SELF STORAGE
2900 REVIEW AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG **1000872149**
FINDS **NYD056410178**
UST
NY MANIFEST
CT MANIFEST

Relative:
Higher

Site 3 of 5 in cluster H

Actual:
8 ft.

RCRAInfo:
Owner: ACCESS BIG KEY SELF PARTNERS
(201) 807-1010
EPA ID: NYD056410178
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: CTF0293752
Manifest Status: C
Trans1 State ID: 72280Z
Trans2 State ID: Not reported
Generator Ship Date: 931123
Trans1 Recv Date: 931123
Trans2 Recv Date: Not reported
TSD Site Recv Date: 931123
Part A Recv Date: Not reported
Part B Recv Date: 931214
Generator EPA ID: NYD056410178
Trans1 EPA ID: NYD986908085
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ACCESS SELF STORAGE (Continued)

1000872149

TSD ID: CTD021816889
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01677
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD056410178
Facility Name: EEA
Facility Address: 29-00 REVIEW AVE
Facility City: MASPETH
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: EEA
Mailing Contact: JEFFREY B SHELBEY
Mailing Address: 29-00 REVIEW AVE
Mailing City: MASPETH
Mailing State: NY
Mailing Zip: 11378
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 516-746-4400

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

PBS UST:
PBS Number: 2-083887 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: SANDRA BAISDEN
(718) 729-0442
Emergency Contact: DEIRDRA ZOLINSKY
(201) 807-1010
Total Tanks: 1
Owner: ACCESS BIG KEY PARTNERS
29-00 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
(201) 807-1010
Owner Type: Corporate/Commercial
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: ACCESS MANAGEMENT COMPANY
ATTN: DEIDRA ZOLINSKY
212 GATES ROAD
LITTLE FERRY, NJ 07643
(201) 807-1010
Tank Status: Closed - Removed
Capacity (gals): 10000
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Id: 1 Install Date: Not reported
Tank Type: Steel/carbon steel Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: None Pipe Type: NONE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

1000872149

Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	Not reported		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/01/1998
Old PBS Number:	Not reported	Expiration Date:	10/22/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS OWNHIST

Operator:	RAYMOND BAISDEN		
Emergency:	DEIRDRA YANNOCONE		
Emergency Tel:	(201) 807-1010	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:			
Facility Address:			

BIG KEY SELF STORAGE

29-00 REVIEW AVENUE
2900 REVIEW AVENUE
LONG ISLAND CITY, NY 11101

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-3456561
Owner:	STAR BRIE & ASSOC		
Owner Tel:	(718) 729-0442	Owner Type:	Private Resident
Owner Subtype:	Not reported		
Mail Address:	ACCESS MGMT CO		

212 GATES ROAD
LITTLE FERRY, NJ 07643
DEIRDRA YANNOCONE
(201) 807-1010

Owner Mark:	First Owner		
Certify Date:	03/24/1997	Expiration:	03/24/1997

Total Capacity (Gal):	10000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6301		
Facility Phone :	(718) 729-0442		
Num of Active Tanks :	1		
Facility Owner:	STAR BRIE & ASSOC		
Facility Address:	2900 REVIEW AVE		

LONG ISLAND CITY, NY 11101
(718) 729-0442

Owner Phone:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000872149

Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	10/22/1997		
Facility Record Updated:	True		
PBS Number:	2-083887	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	SANDRA BAISDEN (718) 729-0442		
Emergency Contact:	DEIRDRA ZOLINSKY (201) 807-1010		
Total Tanks:	1		
Owner:	ACCESS BIG KEY PARTNERS 29-00 REVIEW AVENUE LONG ISLAND CITY, NY 11101 (201) 807-1010		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	ACCESS MANAGEMENT COMPANY ATTN: DEIDRA ZOLINSKY 212 GATES ROAD LITTLE FERRY, NJ 07643 (201) 807-1010		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	2	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	NONE
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/01/1998
Old PBS Number:	Not reported	Expiration Date:	10/22/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000872149

Region: 2

PBS OWNHIST
Operator: RAYMOND BAISDEN
Emergency: DEIRDRA YANNOCONE
Emergency Tel: (201) 807-1010 Old PBSNO: Not reported
Facility Type: OTHER
Facility Owner: BIG KEY SELF STORAGE
Facility Address: 29-00 REVIEW AVENUE
2900 REVIEW AVENUE
LONG ISLAND CITY, NY 11101

Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 13-3456561
Owner: STAR BRIE & ASSOC
Owner Tel: (718) 729-0442 Owner Type: Private Resident
Owner Subtype: Not reported
Mail Address: ACCESS MGMT CO
212 GATES ROAD
LITTLE FERRY, NJ 07643
DEIRDRA YANNOCONE
(201) 807-1010

Owner Mark: First Owner
Certify Date: 03/24/1997 Expiration: 03/24/1997
Total Capacity (Gal): 10000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6301
Facility Phone : (718) 729-0442
Num of Active Tanks : 1
Facility Owner: STAR BRIE & ASSOC
Facility Address: 2900 REVIEW AVE
LONG ISLAND CITY, NY 11101

Owner Phone: (718) 729-0442
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/22/1997
Facility Record Updated: True

PBS Number: 2-083887 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: SANDRA BAISDEN
(718) 729-0442
Emergency Contact: DEIRDRA ZOLINSKY
(201) 807-1010
Total Tanks: 1
Owner: ACCESS BIG KEY PARTNERS
29-00 REVIEW AVENUE
LONG ISLAND CITY, NY 11101
(201) 807-1010
Owner Type: Corporate/Commercial
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: ACCESS MANAGEMENT COMPANY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ACCESS SELF STORAGE (Continued)

1000872149

ATTN: DEIDRA ZOLINSKY			
212 GATES ROAD			
LITTLE FERRY, NJ 07643			
(201) 807-1010			
Tank Status:	Closed - Removed	Install Date:	Not reported
Capacity (gals):	550	Product Stored:	UNLEADED GASOLINE
Tank Location:	UNDERGROUND	Pipe Internal:	NONE
Tank Id:	3	Pipe Type:	NONE
Tank Type:	Steel/carbon steel		
Tank Internal:	NONE		
Pipe Location:	None		
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	11/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/01/1998
Old PBS Number:	Not reported	Expiration Date:	10/22/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS OWNHIST			
Operator:	RAYMOND BAISDEN		
Emergency:	DEIRDRA YANNOCONE		
Emergency Tel:	(201) 807-1010	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:			
Facility Address:	BIG KEY SELF STORAGE		
	29-00 REVIEW AVENUE		
	2900 REVIEW AVENUE		
	LONG ISLAND CITY, NY 11101		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-3456561
Owner:	STAR BRIE & ASSOC		
Owner Tel:	(718) 729-0442	Owner Type:	Private Resident
Owner Subtype:	Not reported		
Mail Address:	ACCESS MGMT CO		
	212 GATES ROAD		
	LITTLE FERRY, NJ 07643		
	DEIRDRA YANNOCONE		
	(201) 807-1010		
Owner Mark:	First Owner		
Certify Date:	03/24/1997	Expiration:	03/24/1997
Total Capacity (Gal):	10000		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000872149

CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6301		
Facility Phone :	(718) 729-0442		
Num of Active Tanks :	1		
Facility Owner:	STAR BRIE & ASSOC		
Facility Address:	2900 REVIEW AVE		
	LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 729-0442		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	10/22/1997		
Facility Record Updated:	True		
PBS Number:	2-083887	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	SANDRA BAISDEN		
	(718) 729-0442		
Emergency Contact:	DEIRDRA ZOLINSKY		
	(201) 807-1010		
Total Tanks:	1		
Owner:	ACCESS BIG KEY PARTNERS		
	29-00 REVIEW AVENUE		
	LONG ISLAND CITY, NY 11101		
	(201) 807-1010		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	ACCESS MANAGEMENT COMPANY		
	ATTN: DEIDRA ZOLINSKY		
	212 GATES ROAD		
	LITTLE FERRY, NJ 07643		
	(201) 807-1010		
Tank Status:	In Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000872149

Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/01/1998
Old PBS Number:	Not reported	Expiration Date:	10/22/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS OWNHIST

Operator:	RAYMOND BAISDEN		
Emergency:	DEIRDRA YANNOCONE		
Emergency Tel:	(201) 807-1010	Old PBSNO:	Not reported
Facility Type:	OTHER		

Facility Owner:	BIG KEY SELF STORAGE
Facility Address:	29-00 REVIEW AVENUE
	2900 REVIEW AVENUE
	LONG ISLAND CITY, NY 11101

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-3456561
Owner:	STAR BRIE & ASSOC		
Owner Tel:	(718) 729-0442	Owner Type:	Private Resident
Owner Subtype:	Not reported		

Mail Address: ACCESS MGMT CO
212 GATES ROAD
LITTLE FERRY, NJ 07643
DEIRDRA YANNOCONE
(201) 807-1010

Owner Mark:	First Owner		
Certify Date:	03/24/1997	Expiration:	03/24/1997

Total Capacity (Gal):	10000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6301		
Facility Phone :	(718) 729-0442		
Num of Active Tanks :	1		
Facility Owner:	STAR BRIE & ASSOC		
Facility Address:	2900 REVIEW AVE		

	LONG ISLAND CITY, NY 11101
Owner Phone:	(718) 729-0442
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	10/22/1997
Facility Record Updated:	True

CT MANIFEST:

Year:	1993
Manifest ID:	CTF0293752
TSDF EPA ID:	CTD021816889

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCESS SELF STORAGE (Continued)

EDR ID Number
EPA ID Number

1000872149

TSD Name: UNITED OIL RECOVERY INC./UIS DBA ADVANCED LIQ. REC
TSD Address: 136 GRACEY AVE.
TSD City,St,Zip: MERIDEN, CT 06451
TSD Country: USA
TSD Telephone: Not reported
Transport Date: 11/23/93
Transporter EPA ID: NYD986908085
Transporter Name: MILLER ENVIRONMENTAL GROUP INC
Transporter Country: USA
Transporter Phone: Not reported
Trans 2 Date: / /
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
Generator EPA ID: NYD056410178
Generator Phone: 7187513100
Generator Address: Not reported
Generator City,State,Zip: Not reported
Generator Country: Not reported
Special Handling: Not reported
Discrepancies: No
Date Shipped: 11/23/93
Date Received: 11/23/93
Last modified date: 04/27/04
Last modified by: IG
Comments: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional CT MANIFEST: detail in the EDR Site Report.

36
WSW
1/8-1/4
832 ft.

MONTAUK STEEL
2520 BORDEN AVE
LONG ISLAND CITY, NY

LTANKS
NY Spills
NY Hist Spills

S104193017
N/A

Relative:
Higher

SPILLS:

Actual:
9 ft.

DER Facility ID : 189762
Site ID : 230231
Spill Number: 9904704
Investigator: TOMASELLO
Caller Name: ELIZABETH MOHAMMED
Caller Phone: (718) 533-8773
Notifier Name: NYC PD
Notifier Phone: (718) 784-5426
Spill Date: 07/20/99
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9904704
Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: CALLER
Spill Notifier: AFFECTED PERSONS
Spiller: MR GOLDSTEIN

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: COMMUNITY BOARD
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 07/20/99

DEC Region : 2

Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: (718) 533-8773

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MONTAUK STEEL (Continued)

S104193017

Spiller Company : MONTAUK STEEL
Spiller Address: ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 12/12/01

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 12/12/01

Date Spill Entered In Computer Data File: 07/20/99

Material

Material ID : 301035
Site ID : 230231
Operable Unit : 01
Operable Unit ID : 1083465
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Not reported

Remark: caller reports abandoned building which vagrant and youths are going in,
when pd went in they found machinery leaking and smell of fluids.

HIST SPILLS:

Spill Number:	9904704	Region of Spill:	2
Investigator:	TOMASELLO	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	07/20/1999 10:00	Reported to Dept:	07/20/99 13:00
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	MR GOLDSTEIN	Facility Tele:	(718) 784-8718
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spiller Contact:	CALLER	Spiller Phone:	(718) 533-8773
Spiller:	MONTAUK STEEL		
Spiller Address:	Not reported		
DEC Remarks :	12/01 SITE VISIT REVEALED NO CONTAMINATION, PID SCREENING CONFIRMED.		
Remark:	caller reports abandoned building which vagrant and youths are going in,		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MONTAUK STEEL (Continued)

S104193017

when pd went in they found machinery leaking and smell of fluids.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Material:

Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414

Spill Closed Dt: 12/12/01

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Dt: / /

Invstgn Complete: / /

Spill Record Last Update: 12/12/01

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 07/20/99

Date Region Sent Summary to Central Office: / /

Cleanup Meets Std:False

Enforcement Date: / /

UST Involvement: False

LTANKS:

Spill Number: 0109751
Facility ID: 0109751
Site ID: 316328
Spill Date: 01/08/02
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK FAILURE
Facility Address 2: Not reported
Investigator: MXTIPPLE
Caller Name: JOHN TEGINS
Caller Phone: (631) 351-3555
Notifier Name: JOHN TEGINS
Notifier Phone: (631) 351-3555
Spiller Contact: JOHN PANTONELLI
Spiller: JOHN PANTONELLI
Spiller Company: STAGING SCAFFOLDING
Spiller Address: 2520 BORDEN AV
LONG ISLAND CITY, NY
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 255035
CID: 07
Reported to Dept: 01/08/02
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (718) 361-2861
SWIS: 4101
Caller Agency: ANSON ENVIRONMENTAL
Caller Extension: Not reported
Notifier Agency: ANSON ENVIRONMENTAL
Notifier Extension: Not reported
Spiller Phone: (718) 361-2861

Spill Closed Dt: 07/29/02

Spill Notifier: OTHER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 07/30/02

Date Spill Entered In Computer Data File: 01/08/02

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MONTAUK STEEL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104193017

Remediation Phase: 0
Program Number: 0109751
Regional Use: Not reported
Material
Material ID : 527401
Site ID : 316328
Operable Unit : 01
Operable Unit ID : 848113
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIPPLE"

Remark: THEY ARE PULLING THE TANK OUT THURSDAY - 550 GALLON TANK - THE CONTAMINATED SOIL WAS FOUND BACK IN DECEMBER - A DEC REP IS SUPPOSED TO BE ON SITE TOMORROW

H37
SSE
1/8-1/4
833 ft.

29-05 REVIEW AVE
29-05 REVIEW AVE
LONG ISLAND CITY, NY 11101

AST **U003384104**
N/A

Relative:
Higher

Site 4 of 5 in cluster H

Actual:
8 ft.

PBS AST:
PBS Number: 2-082627
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Type: OTHER
Owner Type: Private Resident
Owner Sub Type: Not reported

CBS Number: Not reported
SWIS Code: 6301
Previous PBS#: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

29-05 REVIEW AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003384104

Owner: GIUSEPPE BARONE
157-54 95 STREET
HOWARD BEACH, NY 11414
Owner Phone: (718) 843-3332
Facility Phone: (718) 786-9880
Operator: GIUSEPPE BARONE
Emergency Name: ROSA BARONE
Emergency Phone: (718) 000-0000
Total Tanks: 0
Total Capacity: 0
Tank ID: 010
Capacity (Gal): 2500
Missing Data for Tank : Minor data missing
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: Not reported
Tank External: Not reported
Tank Containment: NONE
Pipe Type: Not reported
Pipe Location: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Leak Detection: VAPOR WELL
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / /
Date Closed: 01/01/1995
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: GIUSEPPE BARONE
Mailing Address: 157-54 95 STREET
HOWARD BEACH, NY 11414
Mailing Contact: GIUSEPPE BARONE
Mailing Telephone: (718) 843-3332
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: 0
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported

Expiration Date: 03/24/1997
Certification Date: 06/17/1993
Renew Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

38
WNW
1/8-1/4
841 ft.

GALASSO TRUCKING INC
49-10 25TH ST
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY MANIFEST

1000158268
NYD981180508

Relative:
Higher

RCRAInfo:

Owner: LEONARD GALASSO
(212) 555-1212

Actual:
12 ft.

EPA ID: NYD981180508

Contact: FRANK GALASSO
(718) 937-6700

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: PAC5629665
Manifest Status: C
Trans1 State ID: PAAH0331
Trans2 State ID: PAAH0331
Generator Ship Date: 940722
Trans1 Recv Date: 940722
Trans2 Recv Date: 940804
TSD Site Recv Date: 940805
Part A Recv Date: Not reported
Part B Recv Date: 940815
Generator EPA ID: NYD981180508
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDF ID: PAD087561015
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00475
Units: P - Pounds
Number of Containers: 001
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 94
Facility Type: Generator
EPA ID: NYD981180508
Facility Name: TRG C/O GLASSO TRUCKING
Facility Address: 2 GLASSO PLACE
Facility City: MASPETH
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: GALASSO TRUCKING
Mailing Contact: FRANK GLASSOGE
Mailing Address: 49-10 25TH ST
Mailing City: LONG ISLAND CITY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GALASSO TRUCKING INC (Continued)

EDR ID Number
EPA ID Number

1000158268

Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-937-6700

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY MANIFEST: record(s) in the EDR Site Report.

**39
SE
1/8-1/4
869 ft.**

**NYSDOT CONTRACT 253037
29-00 BORDEN AVE
LONG ISLAND CITY, NY 11101**

**RCRA-SQG
FINDS
NY MANIFEST**

**1000791872
NYD987033982**

**Relative:
Higher**

RCRAInfo:
Owner: NYCDOT
(212) 566-6620
EPA ID: NYD987033982
Contact: HERBERT COLES
(718) 937-9055

**Actual:
10 ft.**

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: MIA3194021
Manifest Status: K
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 930817
Trans1 Recv Date: 930817
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930819
Part A Recv Date: Not reported
Part B Recv Date: 930928
Generator EPA ID: NYD987033982
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID: MID000724831
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00016
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD987033982

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NYSDOT CONTRACT 253037 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000791872

Facility Name: NYSDOT
Facility Address: 29-00 BORDEN AVE
Facility City: LONG ISLAND
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: NYSDOT
Mailing Contact: Not reported
Mailing Address: 40 WORTH ST
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10013
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-937-9055

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY MANIFEST: record(s) in the EDR Site Report.

**H40
SSE
1/8-1/4
869 ft.**

**20-90 REVIEW AVENUE
20090 REVIEW AVENUE
QUEENS, NY**

**LTANKS
HIST LTANKS**

**S100879318
N/A**

Site 5 of 5 in cluster H

**Relative:
Higher**

LTANKS:

**Actual:
6 ft.**

Spill Number: 9313946
Facility ID: 9313946
Site ID: 242516
Spill Date: 02/26/94
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: JXGRECO
Caller Name: TONY RIZZO
Caller Phone: (718) 461-5400
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Company: SAME
Spiller Address: NY
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 02/09/06
Date Spill Entered In Computer Data File: 03/10/94
Remediation Phase: Not reported
Program Number: 9313946
Regional Use: Not reported
Region of Spill: 2
DER Facility ID: 199295
CID: Not reported
Reported to Dept: 02/26/94
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported
SWIS: 4101
Caller Agency: ALVIN PETROLEUM
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

20-90 REVIEW AVENUE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100879318

Material
Material ID : 389298
Site ID : 242516
Operable Unit : 01
Operable Unit ID : 995981
Material Code : 0008
Material Name : Diesel
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : L
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test
Spill Tank Test : 17027
Site ID : 242516
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL C" 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel. Spill transferred to Greco as part of Spills Closure Initiative in July, 2005. Contacted origin al callers company and determined the spill name and address was originally put into system incorrectly as 20-90 Review Ave. (also incorrectly listed as 20090 Review Ave.). Neither of the above addresses is an actual address in Queens County, however, 28-90 is, and 28-90 has two tanks similar to the ones referenced in the spill report. 28-90 is also the home of a company that is a client of the tank test company which called in the tank test failures. Spill name and address were changed to 28-90 Review Ave. The company at that address is AA Truck Rental. JDG 8/3/05 Contacted Mr. PJ McDermott 718- 937-8611 at AA Trucking. Mr. McDermott is checking records and will get back to me. JDG 8/3/05 11/21/05 Tried to recontact Mr. McDermott, but he was unavailable. JDG 12/30/05 Tried to recontact Mr. McDermott, but he was unavailable. Left message. JDG 01/04/06 Insufficient documentation was received following several attempts. Have documentation that the tanks passed tightness tests in 1998, and were later closed in place in 1999, however, there is no record of a cleanup. Project needs further work,

S100879318

as release was characterized as requiring a "major excavation." Should be returned to region 2 for further investigation at end of Spill Closure Initiative.

Remark: INCONCLUSIVE TEST RESULT TO REPAIR & RETEST - CALLED AGAIN AT 1300 OTHER 4000 GAL TANK ALSO FAILED MAJOR EXCAVATION.

HIST LTANKS:

Spill Number:	9313946	Region of Spill:	2
Spill Date:	02/26/1994 10:15	Reported to Dept:	02/26/94 10:35
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affected:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TIBBE	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: / /

Enforcement Date: / /

Investigation Complete: / /

UST Involvement: True

Spill Record Last Update: 07/03/95

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 03/10/94

Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported

Tank Number: Not reported

Test Method:	Not reported
--------------	--------------

Capacity of Failed Tank: 0

Leak Rate Failed Tank: 0.00

Gross Leak Rate:	Not reported
------------------	--------------

Material:

Material Class Type: 1

Quantity Spilled: -1

Units: Not reported

Unknown Qty Spilled: -1

Quantity Recovered: 0

Unknown Qty Recovered: False

Material: DIESEL

Class Type: Petroleum

Chem Abstract Service Number: DIESEL

Last Date: 07/28/1994

Num Times Material Entry In File: 10625

DEC Remarks: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

20-90 REVIEW AVENUE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100879318

Spill Cause: INCONCLUSIVE TEST RESULT TO REPAIR RETEST - CALLED AGAIN AT 1300 OTHER 4
000 GAL TANK ALSO FAILED MAJOR EXCAVATION.

I41
NNE
1/8-1/4
963 ft.

CONFORT & CO-47-47 AUSTELL PL
47-47 AUSTELL PLACE
LONG ISLAND CITY, NY 11101

FINDS 1000981422
RCRA-LQG NY0000990861
AST
NY MANIFEST
NJ MANIFEST

Relative:
Higher

Site 1 of 2 in cluster I

Actual:
13 ft.

RCRAInfo:
Owner: JOHN CONFORT JR - CONFORT & CO
(718) 729-8900
EPA ID: NY0000990861
Contact: Not reported
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)
D001	81812.50

Violation Status: Violations exist

Regulation Violated:	372.2(b)(5)(i),(ii),(iii)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Final Monetary Penalty

Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Final Monetary Penalty

Regulation Violated:	372.2(b)(2)(i),(ii)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Proposed Monetary Penalty

Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Proposed Monetary Penalty

Regulation Violated:	372.2(a)(2)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004

Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Final Monetary Penalty

Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

CONFORT & CO-47-47 AUSTELL PL (Continued)

1000981422

Regulation Violated:	373-3.2(g)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	373-3.3(b)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Final Monetary Penalty
Regulation Violated:	372.2(a)(8)(ii)/373
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	373-3.4(c)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Final Monetary Penalty
Regulation Violated:	372.2(a)(8)(i)(b)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/03/2003
Actual Date Achieved Compliance:	10/29/2004
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/2004
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/29/2004
Penalty Type:	Proposed Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONFORT & CO-47-47 AUSTELL PL (Continued)

EDR ID Number
EPA ID Number

1000981422

Regulation Violated: 376
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/03/2003
Actual Date Achieved Compliance: 10/29/2004

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/13/2004
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/29/2004
Penalty Type: Final Monetary Penalty

There are 9 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20041029

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NJA5088085
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: Not reported
Generator Ship Date: 09/24/2003
Trans1 Recv Date: 09/24/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/24/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000990861
Trans1 EPA ID: NJD002182897
Trans2 EPA ID: Not reported
TSDF ID: 08690
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00770

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONFORT & CO-47-47 AUSTELL PL (Continued)

1000981422

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 014
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 03
Facility Type: Generator
EPA ID: NY0000990861
Facility Name: CONFORT AND COMPANY INC
Facility Address: 47-47 AUSTELL PLACE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: CONFORT AND COMPANY INC
Mailing Contact: GABRIELLE SINCLAIR
Mailing Address: 47-47 AUSTELL PLACE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-729-8900

[Click this hyperlink](#) while viewing on your computer to access
105 additional NY MANIFEST: record(s) in the EDR Site Report.

PBS AST:
PBS Number: 2-327085 CBS Number: Not reported
SPDES Number: Not reported SWIS Code: 6301
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than
1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: MANUFACTURING
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: CONFORT & CO INC
47-47 AUSTELL PL
LONG ISLAND CITY, NY 11101
Owner Phone: (718) 729-8900
Facility Phone: (718) 729-8900
Operator: CONFORT & CO INC
Emergency Name: VLADIMIR LAUTAR
Emergency Phone: (516) 775-6231
Total Tanks: 2
Total Capacity: 7000
Tank ID: 001
Capacity (Gal): 5000
Missing Data for Tank : No data missing
Tank Location: ABOVEGROUND
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: NONE
Tank Containment: VAULT
Pipe Type: STEEL/IRON

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONFORT & CO-47-47 AUSTELL PL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000981422

Pipe Location:	Aboveground	
Pipe Internal:	NONE	
Pipe External:	NONE	
Leak Detection:	NONE	
Overfill Protection:	Product Level Gauge, Vent Whistle	
Dispenser Method:	Suction	
Date Tested:	/ /	Next Test Date: / /
Date Closed:	/ /	Test Method: Not reported
Updated:	True	Deleted: False
Date Inspected:	Not reported	Inspector: Not reported
Result of Inspection:	Not reported	
Mailing Name:	CONFORT & CO INC	
Mailing Address:	47-47 AUSTELL PL	
	LONG ISLAND CITY, NY 11101	
Mailing Contact:	JOHN L. HANLON	
Mailing Telephone:	(718) 729-8900	
Owner Mark:	First Owner	Expiration Date: 01/07/2003
Certification Flag:	False	Certification Date: 01/16/1998
Renew Flag:	False	Renew Date: / /
Lat/Long:	Not reported	
Dead Letter:	False	
Facility Screen:	No data missing	
Owner Screen:	No data missing	
Tank Screen:	No data missing	
Town or City:	NEW YORK CITY	
Town or City Code:	01	
County Code:	63	
Region:	2	
Fiscal Amount for Registration Fee is Correct:	True	
PBS Number:	2-327085	CBS Number: Not reported
SPDES Number:	Not reported	SWIS Code: 6301
Federal ID:	Not reported	Previous PBS#: Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.	
Facility Type:	MANUFACTURING	
Owner Type:	Corporate/Commercial	
Owner Sub Type:	Not reported	
Owner:	CONFORT & CO INC	
	47-47 AUSTELL PL	
	LONG ISLAND CITY, NY 11101	
Owner Phone:	(718) 729-8900	
Facility Phone:	(718) 729-8900	
Operator:	CONFORT & CO INC	
Emergency Name:	VLADIMIR LAUTAR	
Emergency Phone:	(516) 775-6231	
Total Tanks:	2	
Total Capacity:	7000	
Tank ID:	002	
Capacity (Gal):	2000	
Missing Data for Tank :	No data missing	
Tank Location:	ABOVEGROUND	
Product Stored:	NOS 1,2, OR 4 FUEL OIL	
Tank Type:	Steel/carbon steel	
Install Date:	/ /	
Tank Internal:	NONE	
Tank External:	NONE	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONFORT & CO-47-47 AUSTELL PL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000981422

Tank Containment: VAULT
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: Product Level Gauge, Vent Whistle
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: CONFORT & CO INC
Mailing Address: 47-47 AUSTELL PL
LONG ISLAND CITY, NY 11101
Mailing Contact: JOHN L. HANLON
Mailing Telephone: (718) 729-8900
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported
Expiration Date: 01/07/2003
Certification Date: 01/16/1998
Renew Date: / /

NJ MANIFEST:

Manifest Code: NJA5083268
EPA ID: NY0000990861
Date Shipped: 20040108
TSDF EPA ID: NJD002182897
TSDF Received Date: 040108
Transporter EPA ID: TXR000050930
Transporter Received Date: 040108
Waste Code: D001
Quantity Shipped: 825.00000
Unit of Measure: G
Method Code: T04

Manifest Code: NJA5091864
EPA ID: NY0000990861
Date Shipped: 20040209
TSDF EPA ID: NJD002182897
TSDF Received Date: 040209
Transporter EPA ID: TXR000050930
Transporter Received Date: 040209
Waste Code: D001
Quantity Shipped: 715.00000
Unit of Measure: G
Method Code: T04

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

I42
North
1/8-1/4
973 ft.

CLIPPER DIAMOND TOOL CO INC
47-16 AUSTELL PL - 3RD FLOOR
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY MANIFEST

EDR ID Number
EPA ID Number

1004756093
NY0001037944

Site 2 of 2 in cluster I

Relative:
Higher

RCRAInfo:

Owner: CLIPPER DIAMOND TOOL CO INC
(718) 392-3671

Actual:
13 ft.

EPA ID: NY0001037944

Contact: LEROY WALFORD
(718) 392-3671

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYG3221649
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 02/25/2002
Trans1 Recv Date: 02/25/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/26/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0001037944
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID: PD1011NY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CLIPPER DIAMOND TOOL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1004756093

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: P104 - SILVER CYANIDE
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 02
Facility Type: Generator
EPA ID: NY0001037944
Facility Name: CLIPPER DIAMOND TOOL CO INC
Facility Address: 47-16 AUSTELL PL - 3RD
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: CLIPPER DIAMOND TOOL CO INC
Mailing Contact: LEROY WALFORD
Mailing Address: 47-16 AUSTELL PL - 3RD
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-392-3671

[Click this hyperlink](#) while viewing on your computer to access
8 additional NY MANIFEST: record(s) in the EDR Site Report.

J43
North
1/8-1/4
1022 ft.

J MANHEIMER INC
47-22 PEARSON PL
LIC, NY 11101

UST U001837339
N/A

Site 1 of 7 in cluster J

Relative:
Higher

Actual:
16 ft.

PBS UST:
PBS Number: 2-369810 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: J MANHEIMER INC
(718) 392-7800
Emergency Contact: MICHAEL I. LONDNER
(516) 368-4906
Total Tanks: 0
Owner: J MANHEIMER INC
47-22 PEARSON PL
LIC, NY 11101
(718) 392-7800
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: J MANHEIMER INC
ATTN: MICHAEL I. LONDNER
47-22 PEARSON PL
LIC, NY 11101
(718) 392-7800
Tank Status: Closed - In Place

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

J MANHEIMER INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001837339

Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1940
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	EPOXY LINER	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	VAPOR WELL		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	07/01/1993	Next Test Date:	Not reported
Date Closed:	08/01/1993	Test Method:	AES
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	10/06/1992
Old PBS Number:	Not reported	Expiration Date:	10/06/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

J44
North
1/8-1/4
1022 ft.

47-22 PEARSON PL/QUEENS
47-22 PEARSON PLACE
NEW YORK CITY, NY

LTANKS **S102659880**
NY Spills **N/A**
NY Hist Spills
HIST LTANKS

Site 2 of 7 in cluster J

Relative:
Higher

Actual:
16 ft.

SPILLS:

DER Facility ID : 147125
Site ID : 174993
Spill Number: 8900343
Investigator: SIGONA
Caller Name: MICHAEL LONDNER
Caller Phone: (718) 392-7800
Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 04/12/89
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 8900343
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: RESPONSIBLE PARTY
Spiller: Not reported
Spiller Company : Not reported
Spiller Address: ***Update***, ZZ

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: J. MANHERMER INC
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 04/12/89

DEC Region : 2

Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

47-22 PEARSON PL/QUEENS (Continued)

S102659880

Spiller County : 001
Spill Class: Not reported
Spill Closed Dt: 04/26/89
Cleanup Ceased: 04/26/89
Last Inspection: / / Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Regional Use: Not reported
Spill Record Last Update: 05/27/03
Date Spill Entered In Computer Data File: 05/22/89
Material
Material ID : 451684
Site ID : 174993
Operable Unit : 01
Operable Unit ID : 926745
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : 250.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : Not reported
Remark: VALVE ACCIDENTLY OPENED, SPILL INITIALLY ON CONCRETE FLOOR, THEN RAN TO GROUND OUTSIDE.

HIST SPILLS:

Spill Number:	8900343	Region of Spill:	2
Investigator:	SIGONA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	04/12/1989 08:00	Reported to Dept:	04/12/89 11:13
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
DEC Remarks :	04/26/89: SPEEDY DRY PUT DOWN CONTAINED IN DRUMS TRANSPORTED BY S W WASTE INC, NYCPD, NYCFD NYCDEP ON SCENE.		
Remark:	VALVE ACCIDENTLY OPENED, SPILL INITIALLY ON CONCRETE FLOOR, THEN RAN TO GROUND OUTSIDE.		
Spill Class:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

47-22 PEARSON PL/QUEENS (Continued)

S102659880

Material:

Material Class Type: 1
Quantity Spilled: 250
Units: Gallons
Unknown Qty Spilled: 250
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414

Spill Closed Dt: 04/26/89

Cleanup Ceased: 04/26/89

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Dt: / /

Invstgn Complete: / /

Spill Record Last Update: 06/02/89

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 05/22/89

Date Region Sent Summary to Central Office: / /

Cleanup Meets Std: True

Enforcement Date: / /

UST Involvement: False

LTANKS:

Spill Number:	9206718	Region of Spill:	2
Facility ID:	9206718	DER Facility ID:	147125
Site ID:	174994	CID:	07
Spill Date:	09/10/92	Reported to Dept:	09/10/92
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	SWIS:	4101
Caller Name:	TONY RIZZO	Caller Agency:	ALVIN PETRO
Caller Phone:	(718) 461-5400	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	Not reported		
Spiller Address:	***Update***, ZZ		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 07/29/93

Spill Notifier: TANK TESTER

Cleanup Ceased: 07/29/93

Last Inspection: / /

Cleanup Meets Standard: True

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 07/29/93

Date Spill Entered In Computer Data File: 09/14/92

Remediation Phase: 0

Program Number: 9206718

Regional Use: Not reported

Material

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

47-22 PEARSON PL/QUEENS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102659880

Material ID : 407415
Site ID : 174994
Operable Unit : 01
Operable Unit ID : 970511
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : Not reported
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 15109
Site ID : 174994
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"BATTSTA" 07/29/93: AIR TEST PASSED PRECISION RETEST WITH WATER PASSED
CLOSED IN PLACE WITH FOAM SEE K ODOOWDS LETTER 4722P.
Remark: TO PUMP TANK OUT & INVEST POLL AIR POCKET.

HIST LTANKS:

Spill Number:	9206718	Region of Spill:	2
Spill Date:	09/10/1992 12:00	Reported to Dept:	09/10/92 13:30
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	BATTSTA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	07/29/93		
Spill Notifier:	Tank Tester	PBS Number:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

47-22 PEARSON PL/QUEENS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102659880

Cleanup Ceased: 07/29/93
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/29/93
Is Updated: False

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/14/92
Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:

Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464

DEC Remarks: 07/29/93: AIR TEST PASSED PRECISION RETEST WITH WATER PASSED CLOSED IN P
LACE WITH FOAM SEE K ODOWDS LETTER 4722P.

Spill Cause: TO PUMP TANK OUT INVEST POLL AIR POCKET.

J45
North
1/8-1/4
1022 ft.

SHOWMAN FABRICATORS INC
47-22 PEARSON PL
LONG ISLAND CITY, NY 11101

RCRA-SQG 1000295676
NY Spills NYD980781322
NY MANIFEST
NY Hist Spills

Site 3 of 7 in cluster J

Relative:
Higher

RCRAInfo:

Owner: Not reported
EPA ID: NYD980781322

Actual:
16 ft.

Contact: Not reported

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHOWMAN FABRICATORS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000295676

Violation Status: Violations exist

Regulation Violated: 6nycrr 372-2(a)(8) mark cont
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 09/14/2000
Actual Date Achieved Compliance: 10/10/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/06/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/05/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/08/1990
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/07/1990
Actual Date Achieved Compliance: 01/02/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/06/2000
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/05/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/08/1990
Penalty Type: Final Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	12/5/1990	1000	STATE

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20001010
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910102

SPILLS:

DER Facility ID :	78208	CID :	07
Site ID :	85092	Region of Spill:	2
Spill Number:	0008410	SWIS:	4101
Investigator:	SMSANGES	Caller Agency:	EPM
Caller Name:	JOHN LANKOWICZ	Caller Extension:	Not reported
Caller Phone:	(516) 328-1194	Notifier Agency:	EPM
Notifier Name:	JOHN LANKOWICZ	Notifier Extension:	Not reported
Notifier Phone:	(516) 328-1194	Reported to Dept:	10/18/00
Spill Date:	10/18/00		
Facility Address 2:	Not reported		
Facility Type:	ER		
Referred To :	Not reported	DEC Region :	2
Remediation Phase :	0		
Program Number :	0008410		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHOWMAN FABRICATORS INC (Continued)

EDR ID Number
EPA ID Number

1000295676

Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: JOHN LANKOWICZ
Spill Notifier: OTHER
Spiller: JOHN LANKOWICZ
Spiller Company: J MANHEIMER INC
Spiller Address: 47-22 PIERSON PL
LONG ISLAND CITY, NY

Spill Source: UNKNOWN
Facility Tele: (516) 328-1194

Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 02/11/03

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 02/11/03

Date Spill Entered In Computer Data File: 10/18/00

Material

Material ID : 545918
Site ID : 85092
Operable Unit : 01
Operable Unit ID : 829005
Material Code : 0064A
Material Name : UNKNOWN MATERIAL
Case No. : Not reported
Material FA : Other
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"SANGESLAND" CROSS REF WITH # 8900343 & 9206718 2/11/2003 Sangesland
reviewed a closure report prepared by Walden Associates (516-624-7200).
Report states that the contaminated
soil at this site was caused by a broken fill line. When this area was
opened, the soil was heavily contaminated. The contractor excavated out
an area 16ft x 36ft x 6ft (35 cubic yds of concrete debris & 102 tons of
contaminated soil removed) End
point samples - VOC's below TAGM, SVOC's slightly elevated. Status
shifted to No Further Action.

Remark: test results came back showing I napl

HIST SPILLS:

Spill Number: 0008410
Investigator: SANGESLAND
Region of Spill: 2
SWIS: 63

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHOWMAN FABRICATORS INC (Continued)

1000295676

Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	10/18/2000 12:30	Reported to Dept:	10/18/00 12:57
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	JOHN LANKOWICZ	Facility Tele:	(516) 328-1194
Spill Notifier:	Other	PBS Number:	Not reported
Spiller Contact:	JOHN LANKOWICZ	Spiller Phone:	(516) 328-1194
Spiller:	J MANHEIMER INC		
Spiller Address:	47-22 PIERSON PL LONG ISLAND CITY, NY		
DEC Remarks :	CROSS REF WITH 8900343 9206718		
Remark:	test results came back showing I napl		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Material:

Material Class Type:	4
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	UNKNOWN MATERIAL
Class Type:	Unknown
Chem Abstract Service Number:	UNKNOWN MATERIAL
Last Date:	11/09/1994
Num Times Material Entry In File:	9140

Spill Closed Dt: / /

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Dt: / /

Invstgn Complete: / /

Spill Record Last Update: 04/06/01

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 10/18/00

Date Region Sent Summary to Central Office: / /

Cleanup Meets Std:False

Enforcement Date: / /

UST Involvement: False

NY MANIFEST:

Document ID:	NJA1537076
Manifest Status:	C
Trans1 State ID:	NJDEPS727
Trans2 State ID:	Not reported
Generator Ship Date:	930127
Trans1 Recv Date:	930127
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930127
Part A Recv Date:	930210
Part B Recv Date:	930210
Generator EPA ID:	NYD980781322
Trans1 EPA ID:	NJD986609949
Trans2 EPA ID:	Not reported
TSD ID:	NJD991291105
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01020

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHOWMAN FABRICATORS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000295676

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 020
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93
Facility Type: Generator
EPA ID: NYD980781322
Facility Name: SHOWMAN FABRICATORS INC
Facility Address: 47-22 PEARSON PLACE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: SHOWMAN FABRICATORS INC
Mailing Contact: ED MARRERO
Mailing Address: 47-22 PEARSON PLACE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-392-7800

[Click this hyperlink](#) while viewing on your computer to access
22 additional NY MANIFEST: record(s) in the EDR Site Report.

J46
North
1/8-1/4
1022 ft.

J MANHEIMER
47-22 PEARSON PL
LONG ISLAND CITY, NY 11101

RCRA-SQG **1000152546**
FINDS **NYD012132437**
NY MANIFEST

Site 4 of 7 in cluster J

Relative:
Higher

RCRAInfo:

Actual:
16 ft.

Owner: Not reported
EPA ID: NYD012132437
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

J MANHEIMER (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000152546

NY MANIFEST:

Document ID: NJA2210329
Manifest Status: C
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 951206
Trans1 Recv Date: 951206
Trans2 Recv Date: Not reported
TSD Site Recv Date: 951206
Part A Recv Date: Not reported
Part B Recv Date: 951218
Generator EPA ID: NYD012132437
Trans1 EPA ID: NJ0000027193
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 02000
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95
Facility Type: Generator
EPA ID: NYD012132437
Facility Name: NYC POLICE DEPT/PROPERTY CLERK
Facility Address: 4707 PEARSON PLACE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: KINGS
Mailing Name: NYC POLICE DEPT/PPOPERTY CLERK
Mailing Contact: SPIROS GAZGALIS
Mailing Address: 4707 PEARSON PLACE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-361-0410

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

K47
East
1/8-1/4
1067 ft.

THYPIN STEEL CO INC
49-49 30TH STREET
LONG ISLAND CITY, NY 11101

Relative:
Higher

Actual:
12 ft.

Site 1 of 3 in cluster K

SPILLS:

DER Facility ID : 66877
Site ID : 70479
Spill Number: 9808784
Investigator: MMMULQUE
Caller Name: REFUSED
Caller Phone: Not reported

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: Not reported
Caller Extension: Not reported

UST
AST
NY Spills
NY Hist Spills

U000416651
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

THYPIN STEEL CO INC (Continued)

U000416651

Notifier Name: Not reported
Notifier Phone: Not reported
Spill Date: 10/15/98
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9808784
Spill Cause: UNKNOWN
Water Affected: Not reported
Contact Name: Not reported
Spill Notifier: CITIZEN
Spiller: Not reported
Spiller Company : UNKNOWN
Spiller Address: ST
ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 10/15/98
DEC Region : 2
Spill Source: UNKNOWN
Facility Tele: Not reported

Spill Closed Dt: 12/08/98

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 12/08/98

Date Spill Entered In Computer Data File: 10/15/98

Material

Material ID : 316269
Site ID : 70479
Operable Unit : 01
Operable Unit ID : 1069974
Material Code : 0008
Material Name : Diesel
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"MULQUEEN" PTC HIRED BY TYPHIN STEEL TO DO CLEAN UP.

Remark: CALLER STATES THAT HE PARKS IFO THE ABOVE ADDRESS AND HE NOTICED A LARGE
PUDDLE OF DIESEL FUEL IFO BUSINESS.
This is the most recent NY SPILLS record for this site.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

THYPIN STEEL CO INC (Continued)

U000416651

[Click this hyperlink](#) while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

HIST SPILLS:

Spill Number:	9808784	Region of Spill:	2
Investigator:	MULQUEEN	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	10/15/1998 08:18	Reported to Dept:	10/15/98 08:22
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Spill Notifier:	Citizen	PBS Number:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
Spiller Address:	ST		
DEC Remarks :	PTC HIRED BY TYPHIN STEEL TO DO CLEAN UP.		
Remark:	CALLER STATES THAT HE PARKS IFO THE ABOVE ADDRESS AND HE NOTICED A LARGE PUDDLE OF DIESEL FUEL IFO BUSINESS.		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625
Spill Closed Dt:	12/08/98
Cleanup Ceased:	/ /
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt/	/ /
Invstgn Complete:/	/ /
Spill Record Last Update:	12/08/98
Is Updated:	False
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/15/98
Date Region Sent Summary to Central Office:	/ /

This is the most recent NY HISTORIC SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access additional NY HIST SPILLS detail in the EDR Site Report.

PBS UST:

PBS Number:	2-116211	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	THYPIN STEEL CO INC (718) 937-2700		
Emergency Contact:	GARY GOLDIN		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THYPIN STEEL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000416651

Total Tanks:	(718) 967-3780 1		
Owner:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO. 49-49 30TH STREET LONG ISLAND CITY, NY 11101 (718) 937-2700		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO 49-49 30TH STREET LONG ISLAND CITY, NY 11101 (718) 937-2700		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	OTHER		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	04/01/1990	Next Test Date:	Not reported
Date Closed:	11/01/1996	Test Method:	UNKNOWN
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	03/24/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-116211	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	THYPIN STEEL CO INC (718) 937-2700		
Emergency Contact:	GARY GOLDIN (718) 967-3780		
Total Tanks:	1		
Owner:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO. 49-49 30TH STREET LONG ISLAND CITY, NY 11101 (718) 937-2700		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THYPIN STEEL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000416651

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO 49-49 30TH STREET LONG ISLAND CITY, NY 11101 (718) 937-2700		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1980
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	OTHER		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	04/01/1990	Next Test Date:	Not reported
Date Closed:	11/01/1996	Test Method:	UNKNOWN
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	03/24/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-116211	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	THYPIN STEEL CO INC (718) 937-2700		
Emergency Contact:	GARY GOLDIN (718) 967-3780		
Total Tanks:	1		
Owner:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO. 49-49 30TH STREET LONG ISLAND CITY, NY 11101 (718) 937-2700		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	MANHASSET BAY ASSOC C/O THYPIN STEEL CO 49-49 30TH STREET		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THYPIN STEEL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000416651

LONG ISLAND CITY, NY 11101
(718) 937-2700
Tank Status: Closed - In Place
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 003
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: 1
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: OTHER
Leak Detection: OTHER
Overfill Prot: Product Level Gauge
Date Tested: 10/01/1996
Date Closed: 11/01/1998
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 2000
Tank Screen: No data missing
Renew Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2

Install Date: 12/01/1975
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: Not reported
Pipe Type: STEEL/IRON

Dispenser: Suction
Next Test Date: Not reported
Test Method: USTest 2000
Updated: True
Owner Screen: No data missing

Renewal Date: 11/13/2001
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: Not reported
Expiration Date: 03/24/2002
Inspector: Not reported

PBS AST:
PBS Number: 2-116211
SPDES Number: Not reported
Federal ID: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Type: TRUCKING/TRANSPORTATION
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Owner: MANHASSET BAY ASSOC
C/O THYPIN STEEL CO. 49-49 30TH STREET
LONG ISLAND CITY, NY 11101

Owner Phone: (718) 937-2700
Facility Phone: (718) 937-2700
Operator: THYPIN STEEL CO INC
Emergency Name: GARY GOLDIN
Emergency Phone: (718) 967-3780
Total Tanks: 1
Total Capacity: 2000
Tank ID: 004
Capacity (Gal): 2000
Missing Data for Tank : No data missing
Tank Location: ABOVEGROUND
Product Stored: NOS 1,2, OR 4 FUEL OIL

CBS Number: Not reported
SWIS Code: 6301
Previous PBS#: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THYPIN STEEL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000416651

Tank Type: Steel/carbon steel
Install Date: / /
Tank Internal: NONE
Tank External: NONE/JACKETED
Tank Containment: NONE/NONE
Pipe Type: STEEL/IRON
Pipe Location: Aboveground
Pipe Internal: NONE
Pipe External: NONE/NONE
Leak Detection: NONE/NONE
Overfill Protection: Vent Whistle
Dispenser Method: Gravity
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: MANHASSET BAY ASSOC
Mailing Address: C/O THYPIN STEEL CO
49-49 30TH STREET
LONG ISLAND CITY, NY 11101
Mailing Contact: Not reported
Mailing Telephone: (718) 937-2700
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True
Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported
Expiration Date: 03/24/2002
Certification Date: / /
Renew Date: 11/13/2001

K48 4949 30TH STREET
East 4949 30TH STREET
1/8-1/4 LONG ISLAND CITY, NY
1067 ft.

LTANKS S102150356
NY Spills N/A
NY Hist Spills
HIST LTANKS

Site 2 of 3 in cluster K

Relative:
Higher

SPILLS:

Actual:
12 ft.

DER Facility ID : 81338
Site ID : 88997
Spill Number: 9607319
Investigator: LUCE
Caller Name: PETER LAPORE
Caller Phone: (718) 852-7000
Notifier Name: PETER LAPORE
Notifier Phone: (718) 852-7000
Spill Date: 09/10/96
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 9607319
Spill Cause: HUMAN ERROR

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: WHALECO FUEL OIL
Caller Extension: Not reported
Notifier Agency: WHALECO FUEL OIL
Notifier Extension: Not reported
Reported to Dept: 09/10/96

DEC Region : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

4949 30TH STREET (Continued)

S102150356

Water Affected: Not reported
Contact Name: THYPIN STEEL INC.
Spill Notifier: RESPONSIBLE PARTY
Spiller: CALLER
Spiller Company : WHALECO FUEL OIL
Spiller Address: 1 COFFEY STREET
BROOKLYN, NY 11231
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Source: PRIVATE DWELLING
Facility Tele: (718) 706-4557

Spill Closed Dt: 09/16/96

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 12/24/03

Date Spill Entered In Computer Data File: 09/10/96

Material

Material ID : 346588

Site ID : 88997

Operable Unit : 01

Operable Unit ID : 1038480

Material Code : 0008

Material Name : Diesel

Case No. : Not reported

Material FA : Petroleum

Quantity : 15.00

Units : G

Recovered : 15

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

DEC Remarks : Not reported

Remark: tank overfill.

This is the most recent NY SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

HIST SPILLS:

Spill Number: 9607319

Investigator: LUCE

Caller Name: Not reported

Caller Phone: Not reported

Notifier Name: Not reported

Notifier Phone: Not reported

Spill Date: 09/10/1996 10:45

Spill Cause: Human Error

Region of Spill: 2

SWIS: 63

Caller Agency: Not reported

Caller Extension: Not reported

Notifier Agency: Not reported

Notifier Extension: Not reported

Reported to Dept: 09/10/96 11:39

Resource Affected: On Land

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

4949 30TH STREET (Continued)

S102150356

Water Affected: Not reported
Facility Contact: CALLER
Spill Notifier: Responsible Party
Spiller Contact: THYPIN STEEL INC.
Spiller: WHALECO FUEL OIL
Spiller Address: 1 COFFEY STREET
BROOKLYN, NY 11231
DEC Remarks : 4KXUG FOR TRUCKS - NOT SURE OF CAUSE - CLEAN UP CREW ON SITE - WILL CALL
BACK WITH CAUSE - 09/12/96 - LAPORE SAID THE PAROMETER IS NOT BREAKING -
09/16/96 - THE GAUGE WA SREPLACED - THE SPILL WAS CLEANED UP.
Remark: tank overfill.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Material:
Material Class Type: 1
Quantity Spilled: 15
Units: Gallons
Unknown Qty Spilled: 15
Quantity Recovered: 15
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Spill Closed Dt: 09/16/96
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Invstgn Complete:/ /
Spill Record Last Update: 09/24/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/10/96
Date Region Sent Summary to Central Office: / /
This is the most recent NY HISTORIC SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access
additional NY HIST SPILLS detail in the EDR Site Report.

LTANKS:

Spill Number: 9312128
Facility ID: 9312128
Site ID: 88995
Spill Date: 01/14/94
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK OVERFILL
Facility Address 2: Not reported
Investigator: CAMMISA
Caller Name: PETER LEPORE
Caller Phone: (718) 852-7000
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Company: WHALECO FUEL OIL
Region of Spill: 2
DER Facility ID: 81338
CID: 07
Reported to Dept: 01/14/94
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: Not reported
SWIS: 4101
Caller Agency: WHALECO FUEL
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

4949 30TH STREET (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102150356

Spiller Address: 1 COFFEY ST.
BROOKLYN, NY
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 01/14/94

Spill Notifier: RESPONSIBLE PARTY

Cleanup Ceased: 01/14/94

Last Inspection: / /

Cleanup Meets Standard: True

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 09/30/04

Date Spill Entered In Computer Data File: 01/18/94

Remediation Phase: 0

Program Number: 9312128

Regional Use: Not reported

Material

Material ID : 391124

Site ID : 88995

Operable Unit : 01

Operable Unit ID : 990742

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 5.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Tank Test

Spill Tank Test : Not reported

Site ID : Not reported

Tank Number : Not reported

Tank Size : Not reported

Test Method : Not reported

Leak Rate : Not reported

Gross Fail : Not reported

Modified By : Not reported

Last Modified : Not reported

Test Method : Not reported

DEC Remarks : Not reported

Remark: WILL SEND AT SOMEONE W/ SPEEDY DRY.

HIST LTANKS:

Spill Number: 9312128

Region of Spill: 2

Spill Date: 01/14/1994 12:00

Reported to Dept: 01/14/94 14:50

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

4949 30TH STREET (Continued)

S102150356

Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	CAMMISA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	WHALECO FUEL OIL		
Spiller Address:	1 COFFEY ST. BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	01/14/94		
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Cleanup Ceased:	01/14/94		
Last Inspection:	/ /		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	/ /		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	01/18/94		
Date Region Sent Summary to Central Office:	/ /		
Tank Test:			
PBS Number:	Not reported		
Tank Number:	Not reported		
Test Method:	Not reported		
Capacity of Failed Tank:	Not reported		
Leak Rate Failed Tank:	Not reported		
Gross Leak Rate:	Not reported		
Material:			
Material Class Type:	1		
Quantity Spilled:	5		
Units:	Gallons		
Unknown Qty Spilled:	5		
Quantity Recovered:	0		
Unknown Qty Recovered:	False		
Material:	#2 FUEL OIL		
Class Type:	Petroleum		
Chem Abstract Service Number:	#2 FUEL OIL		
Last Date:	12/07/1994		
Num Times Material Entry In File:	24464		
DEC Remarks:	Not reported		
Spill Cause:	WILL SEND AT SOMEONE W/ SPEEDY DRY.		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K49
East
1/8-1/4
1067 ft.

THYPIN STEEL BUILDING FORMER
49-49 30TH ST
LONG ISLAND CITY, NY 11101

RCRA-SQG
NY MANIFEST

1007208650
NYR000121863

Relative:
Higher

Site 3 of 3 in cluster K

RCRAInfo:

Owner: MBA-LONG ISLAND CITY LLC

(212) 555-1212

EPA ID: NYR000121863

Contact: RICHARD THYPIN
(609) 497-0796

Classification: Conditionally Exempt Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST:

No Manifest Records Available

J50
North
1/8-1/4
1070 ft.

PROPERTY CLERK WAREHOUSE
47-15 PEARSON PLACE
LONG ISLAND CITY, NY 11101

AST
U003393755
N/A

Relative:
Higher

Site 5 of 7 in cluster J

PBS AST:

PBS Number: 2-343420

CBS Number: Not reported

SPDES Number: Not reported

SWIS Code: 6301

Federal ID: Not reported

Previous PBS#: Not reported

Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Type: OTHER

Owner Type: Corporate/Commercial

Owner Sub Type: Not reported

Owner: DUPONT ASSOCIATES, INC.

52 VANDERBILT AVE.

NEW YORK, NY 10017

Owner Phone: (212) 476-7524

Facility Phone: (212) 374-4933

Operator: N.Y.C.P.D.

Emergency Name: N.Y.C.P.D.

Emergency Phone: (212) 476-7524

Total Tanks: 1

Total Capacity: 5000

Tank ID: 001

Capacity (Gal): 5000

Missing Data for Tank : No data missing

Tank Location: ABOVEGROUND

Product Stored: NOS 1,2, OR 4 FUEL OIL

Tank Type: Steel/carbon steel

Install Date: 03/01/1956

Tank Internal: NONE

Tank External: NONE/NONE

Tank Containment: NONE/NONE

Pipe Type: STEEL/IRON

Pipe Location: None

Pipe Internal: NONE

Pipe External: NONE/NONE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PROPERTY CLERK WAREHOUSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003393755

Leak Detection: NONE/NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / / Next Test Date: / /
Date Closed: / / Test Method: Not reported
Updated: True Deleted: False
Date Inspected: Not reported Inspector: Not reported
Result of Inspection: Not reported
Mailing Name: WEMBL Y MANAGEMENT COMP.
Mailing Address: 52 VANDERBILT AVE.
NEW YORK, NY 10017
Mailing Contact: MR. NICHOLAS
Mailing Telephone: Not reported
Owner Mark: Second Owner Expiration Date: 04/21/2004
Certification Flag: False Certification Date: 04/30/1999
Renew Flag: False Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator: N.Y.C.P.D.
Emergency: N.Y.C.P.D.
Emergency Tel: (212) 476-7524 Old PBSNO: Not reported
Facility Type: OTHER
Facility Owner: PROPERTY CLERK WAREHOUSE
Facility Address: 47-15 PEARSON PLACE
LONG ISLAND CITY, NY 11101
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 13-6400434
Owner: NEW YORK CITY POLICE DEPARTMENT
Owner Tel: (212) 374-7650 Owner Type: Local Government
Owner Subtype: The City of New York
Mail Address: NEW YORK CITY POLICE DEPARTMENT
1 POLICE PLAZA
ROOM 800
NEW YORK, NY 10038
ADMINISTRATIVE SERVICES
(212) 374-7650
Owner Mark: First Owner
Certify Date: 07/28/1998 Expiration: 07/28/1998
Total Capacity (Gal): 5000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6301
Facility Phone : (212) 374-4933
Num of Active Tanks : 1
Facility Owner: NEW YORK CITY POLICE DEPARTMENT
Facility Address: 1 POLICE PLAZA

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PROPERTY CLERK WAREHOUSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003393755

Owner Phone: NEW YORK, NY 10038
(212) 374-7650
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 04/21/1999
Facility Record Updated: True

J51
North
1/8-1/4
1070 ft.

ON SIDEWALK
47-15 PEARSON PL
LONG ISLAND CITY, NY

LTANKS S105995094
N/A

Site 6 of 7 in cluster J

Relative:
Higher

Actual:
16 ft.

LTANKS:

Spill Number:	0110585	Region of Spill:	2
Facility ID:	0110585	DER Facility ID:	233188
Site ID:	287873	CID:	07
Spill Date:	02/05/02	Reported to Dept:	02/05/02
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	TANK TRUCK
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(718) 782-2060
Investigator:	MXTIPPLE	SWIS:	4101
Caller Name:	MICHAEL COLASANTO	Caller Agency:	BRIDGE TRANSPORTATION
Caller Phone:	(718) 369-6016	Caller Extension:	Not reported
Notifier Name:	MICHAEL COLASANTO	Notifier Agency:	BRIDGE TRANSPORTATION
Notifier Phone:	(718) 369-6016	Notifier Extension:	Not reported
Spiller Contact:	CALLER	Spiller Phone:	Not reported
Spiller:	CALLER		
Spiller Company:	BRIDGE TRANSPORTATION		
Spiller Address:	176 27TH ST BROOKLYN, NY		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 07/31/03

Spill Notifier: RESPONSIBLE PARTY

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 07/31/03

Date Spill Entered In Computer Data File: 02/05/02

Remediation Phase: 0

Program Number: 0110585

Regional Use: Not reported

Material

Material ID : 528206

Site ID : 287873

Operable Unit : 01

Operable Unit ID : 849053

Material Code : 0002

Material Name : #4 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ON SIDEWALK (Continued)

S105995094

Quantity : 12.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"TIPPLE" 7/31/2003 tipple updating//sidewalk has been cleaned.//nfa

Remark: DRIVER OVERFILLED THE TANK

L52 NYCDEC REGION 2 SPILL 01-02746
SSE 30-01 REVIEW AVE
1/8-1/4 LONG ISLAND CITY, NY 11101
1092 ft.

NY MANIFEST 1009234926
N/A

Relative:
Higher

Site 1 of 4 in cluster L

Actual:
7 ft.

NY MANIFEST:
Document ID: NYG1625472
Manifest Status: Not reported
Trans1 State ID: NYD064743263
Trans2 State ID: Not reported
Generator Ship Date: 06/25/2001
Trans1 Recv Date: 07/19/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/19/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000950261
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 00150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 01

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NYCDEC REGION 2 SPILL 01-02746 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1009234926

Facility Type: Generator
EPA ID: NYP000950261
Facility Name: NYCDEC REGION 2 SPILL 01-02746
Facility Address: 30-01 REVIEW AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: NYCDEC REGION 2 SPILLS
Mailing Contact: MARSH TIBBE
Mailing Address: 47-40 21ST ST
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-482-4933

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

L53
SSE
1/8-1/4
1096 ft.

NYC DEC
30-03 REVIEW AVE
QUEENS, NY 11101

RCRA-SQG 1009218072
NY MANIFEST NYP003662541

Site 2 of 4 in cluster L

Relative:
Higher

RCRAInfo:
Contact: JOANNE NURSE
(718) 595-4675

Actual:
7 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST:

Document ID: NYG5225238
Manifest Status: Not reported
Trans1 State ID: NYD049178296
Trans2 State ID: Not reported
Generator Ship Date: 11/21/2005
Trans1 Recv Date: 11/21/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/13/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003662541
Trans1 EPA ID: 70491PA
Trans2 EPA ID: Not reported
TSDF ID: CDX480000000
Waste Code: U058 - CYCLOPHOSPHAMIDE
Quantity: 00050
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NYC DEC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1009218072

Year: Not reported
Facility Type: Generator
EPA ID: NYP003662541
Facility Name: DEP DIVE OF FLEET SVCS
Facility Address: 30-03 REVIEW AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: DEP DIVE OF FLEET SVCS
Mailing Contact: N/S
Mailing Address: 30-03 REVIEW AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-610-0711

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

L54
SSE
1/8-1/4
1096 ft.

NYC DEPT OF ENVIRONMENTAL PROTECTION
30-03 REVIEW AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG 1007990517
NY MANIFEST NYR000130328

Site 3 of 4 in cluster L

Relative:
Higher

Actual:
7 ft.

RCRAInfo:
Owner: NYC DEP FLEET SERVICES
EPA ID: NYR000130328
Contact: RICHARD MORALES
(718) 610-0736
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST:

Document ID: NYG3922686
Manifest Status: Not reported
Trans1 State ID: NYR000038000
Trans2 State ID: Not reported
Generator Ship Date: 02/11/2005
Trans1 Recv Date: 02/11/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/18/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000130328
Trans1 EPA ID: 1A480
Trans2 EPA ID: Not reported
TSDF ID: NYD082785429
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NYC DEPT OF ENVIRONMENTAL PROTECTION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007990517

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: Not reported
Facility Type: Generator
EPA ID: NYR000130328
Facility Name: DEP
Facility Address: 30 03 REVIEW AVENUE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: DEP
Mailing Contact: STEPHAN PUCCIAROLLI
Mailing Address: 30 03 REVIEW AVENUE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 646-879-3780

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

J55
North
1/8-1/4
1097 ft.

NYC POLICE DEPT - PROPERTY CLERK
47-07 PEARSON PL
LONG ISLAND CITY, NY 11101

RCRA-SQG 1001079794
FINDS NYR000015016

Site 7 of 7 in cluster J

Relative:
Higher

RCRAInfo:
Owner: NYC POLICE DEPT
(212) 374-7650
EPA ID: NYR000015016
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
16 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

M56
NNE
1/8-1/4
1109 ft.

METRO MACHINING & FABRICATING INCORPORATED
47-24 27TH STREET
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
AST

EDR ID Number
EPA ID Number

1000282562
NYD001504695

Site 1 of 2 in cluster M

Relative:
Higher

RCRAInfo:

Owner: LOCAL 1 REALTY CORP
(718) 707-9450

Actual:
11 ft.

EPA ID: NYD001504695

Contact: Not reported

Classification: Conditionally Exempt Small Quantity Generator

TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PBS AST:

PBS Number:	2-601903	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	MANUFACTURING		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	STALEY ELEVATOR CO., INC.		
	47-24 27TH ST.		
	L.I.C., NY 11101		
Owner Phone:	(718) 786-4300		
Facility Phone:	(718) 786-4300		
Operator:	ALBERT PARISI		
Emergency Name:	KEVIN LEO		
Emergency Phone:	(718) 786-4300		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	001		
Capacity (Gal):	5000		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO MACHINING & FABRICATING INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000282562

Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: STALEY ELEVATOR CO., INC.
Mailing Address: 47-24 27TH ST.
L.I.C., NY 11101
Mailing Contact: ALBERT PARISI
Mailing Telephone: (718) 786-4300
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Expiration Date: 06/20/2004
Test Method: Not reported
Deleted: False
Inspector: Not reported
Certification Date: 06/25/1999
Renew Date: / /
Fiscal Amount for Registration Fee is Correct: True

**L57
SSE
1/8-1/4
1134 ft.**

**EXHIBIT CO INC THE
30-20 REVIEW AVE
LONG ISLAND CITY, NY 11101**

**RCRA-SQG 1000791443
NY MANIFEST NYD987029527**

Site 4 of 4 in cluster L

**Relative:
Higher**

RCRAInfo:
Owner: THE EXHIBIT CO INC
(718) 729-4290
EPA ID: NYD987029527
Contact: SERGIO TISI
(718) 729-4290
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

**Actual:
7 ft.**

NY MANIFEST:

Document ID: MIA3529847
Manifest Status: K
Trans1 State ID: JA334
Trans2 State ID: Not reported
Generator Ship Date: 960703
Trans1 Recv Date: 960703
Trans2 Recv Date: 960711
TSD Site Recv Date: 960711
Part A Recv Date: 960722
Part B Recv Date: 960812
Generator EPA ID: NYD987029527
Trans1 EPA ID: NJD986607380
Trans2 EPA ID: MID980684088
TSDF ID: MID980615298
Waste Code: F003 - UNKNOWN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXHIBIT CO INC THE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000791443

Quantity: 00275
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: NYD987029527
Facility Name: EXHIBIT
Facility Address: 30-20 REVIEW AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: WESTCHESTER
Mailing Name: EXHIBIT
Mailing Contact: JOHN TRONTELL
Mailing Address: 30-20 REVIEW AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-729-4290

[Click this hyperlink](#) while viewing on your computer to access
5 additional NY MANIFEST: record(s) in the EDR Site Report.

58
NNW
1/8-1/4
1168 ft.

O & S AUTO REPAIR SHOP INC
25-20 SKILLMAN AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
NY MANIFEST

1000791040
NYD987025400

Relative:
Higher

RCRAInfo:
Owner: O & S AUTO REPAIR SHOP INC
(718) 786-6853
EPA ID: NYD987025400
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
11 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYC4144770
Manifest Status: C
Trans1 State ID: NYGF2858
Trans2 State ID: Not reported
Generator Ship Date: 960603
Trans1 Recv Date: 960603

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

O & S AUTO REPAIR SHOP INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000791040

Trans2 Recv Date: Not reported
TSD Site Recv Date: 960605
Part A Recv Date: Not reported
Part B Recv Date: 960614
Generator EPA ID: NYD987025400
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID: NYD000708198
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96
Facility Type: Generator
EPA ID: NYD987025400
Facility Name: O & S AUTO REPAIR SHOP IN
Facility Address: 25-20 SKILLMAN AVENUE
Facility City: QUEENS
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: O & S AUTO REPAIR SHOP INC
Mailing Contact: SONNY BROWN
Mailing Address: 25-20 SKILLMAN AVENUE
Mailing City: QUEENS
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-786-6853

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY MANIFEST: record(s) in the EDR Site Report.

59
WNW
1/8-1/4
1180 ft.

23-30 50TH AVE
LONG ISLAND CITY, NY

LTANKS S105997319
N/A

Relative:
Higher

Actual:
9 ft.

LTANKS:

Spill Number: 0208486
Facility ID: 0208486
Site ID: 268804
Spill Date: 11/15/02
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: JBVOUGHT
Caller Name: BILL FAZIN
Caller Phone: (516) 939-2959
Notifier Name: BILL FAZIN
Notifier Phone: (516) 939-2959
Spiller Contact: ANTHONY VERDERAM
Spiller: ANTHONY VERDERAM

Region of Spill: 2
DER Facility ID: 218966
CID: 07
Reported to Dept: 11/15/02
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (718) 786-1100
SWIS: 4101
Caller Agency: CROWN LEAK
Caller Extension: Not reported
Notifier Agency: CROWN LEAK
Notifier Extension: Not reported
Spiller Phone: (718) 786-1100

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105997319

Spiller Company: Not reported
Spiller Address: 23-30 50TH AVE
LONG ISLAND CITY, NY
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/17/03
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 11/17/03
Date Spill Entered In Computer Data File: 11/15/02
Remediation Phase: 0
Program Number: 0208486
Regional Use: Not reported
Material
Material ID : 565791
Site ID : 268804
Operable Unit : 01
Operable Unit ID : 859901
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : 2286
Site ID : 268804
Tank Number : 1
Tank Size : 2500
Test Method : 03
Leak Rate : 0.00
Gross Fail : F
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"VOUGHT" Sent tank test failure letter to Varderame. 11/15/2002 ARS
11/14/2003-Vought-Reviewed report dated 6/26/03 from Verderame Realty
(Bruce Bauer 718-786-1100). Site will no

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105997319

longer be using oil and will be converting to gas. Closure of a 2000-gallon #2 fuel oil UST and collection of post excavation endpoint samples by Bluestone Environmental (Andrew Cozzi 732-469-5188). "The UST excavation base was at approximately 8 to 8.5 feet below the concrete floor". "The soil in the excavation was a fill that consisted of dark brown sand with construction debris such as bricks and pieces of concrete". Five soil samples were submitted for analyses for 8260/8270. Soil analyticals show two 1,3,5-trimethylbenzene exceedances up to 9110ppb, benzo(a)anthracene up to 1010ppb, benzo(a)pyrene up to 631ppb, benzo(b)fluoranthene up to 1110ppb, benzo(k)fluoranthene up to 579ppb, and chrysene up to 1210ppb. These exceedances are attributable to fill material. Spill closed by Vought after conference with DEC Rommel.

Remark: tank test failure - it will be cleaned and retested next week

N60
NW
1/8-1/4
1198 ft.

CON ED-TM 7258
24-30 SKILLMAN AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG
NY MANIFEST

1007206607
NYP004012928

Site 1 of 2 in cluster N

Relative:
Higher

RCRAInfo:
Contact: ANTHONY G DRUMMINGS
(212) 460-3770

Actual:
14 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST:

Document ID: NYE0004995
Manifest Status: C
Trans1 State ID: 31877AJ
Trans2 State ID: Not reported
Generator Ship Date: 971016
Trans1 Recv Date: 971016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 971017
Part A Recv Date: 971110
Part B Recv Date: 971104
Generator EPA ID: NYP004012928
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00591
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 97
Facility Type: Generator
EPA ID: NYP004012928
Facility Name: CONSOLIDATED EDISON
Facility Address: TM 7258 - SKILLMAN & 49 AVE
Facility City: QUEENS

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CON ED-TM 7258 (Continued)

EDR ID Number
EPA ID Number

1007206607

Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

N61
NW
1/8-1/4
1198 ft.

SUREWAY WORLDWIDE
24-30 SKILLMAN AVENUE
LONG ISLAND CITY, NY 11101

UST U000394866
N/A

Site 2 of 2 in cluster N

Relative:
Higher

Actual:
14 ft.

PBS UST:
PBS Number: 2-106844 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6301
Operator: JOSEPH CARUVANA, VP
(718) 937-7600
Emergency Contact: JOSEPH CARUVANA, VP
(718) 937-7600
Total Tanks: 1
Owner: ELY-CRUIKSHANK CO., INC.
204 EAST 38TH STREET
NEW YORK, NY 10016
(212) 697-5030
Owner Type: Not reported
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: ELY-CRUIKSHANK CO., INC.
ATTN: BRUNO CAPPELLINI
204 EAST 38TH STREET
NEW YORK, NY 10016
(212) 697-5030
Tank Status: In Service
Capacity (gals): 7500
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Id: 001 Install Date: Not reported
Tank Type: Steel/carbon steel Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: Not reported Pipe Internal: Not reported
Pipe Location: 1 Pipe Type: STEEL/IRON
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: OTHER
Leak Detection: OTHER
Overfill Prot: Product Level Gauge Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: Not reported Test Method: Not reported
Deleted: False Updated: False

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUREWAY WORLDWIDE (Continued)

U000394866

Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7500	Renewal Date:	11/13/2001
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/03/2000
Old PBS Number:	Not reported	Expiration Date:	03/24/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

M62
NNE
1/8-1/4
1220 ft.

ANTHONY CONCRETE
47-17 27TH ST.
LONG ISLAND CITY, NY 11101

CBS AST
S102639396
N/A

Site 2 of 2 in cluster M

Relative:
Higher

Actual:
11 ft.

CBS AST:		
CBS Number:	2-000181	Telephone: (718) 729-4351
Owner:	SIKA CORPORATION 201 POLITO AVE. LYNDHURST, NJ 07071 (201) 933-8800	
Facility Status:	Active	
Total Tanks	0	
Tank Status:	0	
Tank Error Status:	No Missing Data	
Tank Location:	Aboveground	
Install Date:	04/85	
Capacity (Gal):	275	
Tank Type:	Plastic	
Substance:	Single Hazardous Substance on DEC List	
Extrnl Protection:	None	
Intrnl Protection:	None	
Tank Containment:	None	
Pipe Type:	OTHER	Pipe Location: Aboveground
Pipe Internal:	None	
Pipe External:	None	
Pipe Containment:	None	Haz Percent: 2
Leak Detection:	None	
Overfill Protection:	Not reported	
Chemical:	Sodium hydroxide	
Tank Closed:	00/00	
PBS Number:	Not reported	SWIS Code: 6301
Federal ID:	Not reported	
MOSF Number:	Not reported	CAS Number: 1310732
SPDES Number:	Not reported	ICS Number: 2-700754
Facility Type:	Manufacturing	
Operator:	LEE PRINCIPE	Facility Town: NEW YORK CITY
Emrgncy Contact:	CHARLES LUGINBILL	Emrgncy Phone: (201) 933-8800
Certified Date:	08/31/1995	Expiration Date: 09/22/1997
Owner type:	Corporate/Commercial	
Owner Sub Type:	Not reported	
Mail Name:	SIKA CORPORATION	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANTHONY CONCRETE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102639396

Mail Contact:	CHARLES LUGINBILL 201 POLITO AVE. LYNDHURST, NJ 07071	
Mail Phone:	(201) 933-8800	
Tank Secret:	False	Date Entered: 09/22/1989 08:44:14
Last Test:	Not reported	Due Date: Not reported
Pipe Flag:	False	Owner Mark: 1
Renew Date:	06/07/93	Date Expired: 09/22/95
Is it There:	False	Is Updated: False
Owner Status:	F	
Certificate Needs to be Printed:	False	
Fiscal Amt for Registration Fee Correct:	True	
Renewal Has Been Printed for Facility:	True	
Total Capacity of All Active Tanks(gal):	No	
Unique Tank Id Number:	18011	
Date Pre-Printed Renewal App Form Was Last Printed:	06/06/1997	
CBS Number:	2-000181	Telephone: (718) 729-4351
Owner:	SIKA CORPORATION 201 POLITO AVE. LYNDHURST, NJ 07071 (201) 933-8800	
Facility Status:	Active	
Total Tanks	0	
Tank Status:	0	
Tank Error Status:	No Missing Data	
Tank Location:	Aboveground	
Install Date:	04/85	
Capacity (Gal):	275	
Tank Type:	Plastic	
Substance:	Single Hazardous Substance on DEC List	
Extrnl Protection:	None	
Intrnl Protection:	None	
Tank Containment:	None	
Pipe Type:	OTHER	Pipe Location: Aboveground
Pipe Internal:	None	
Pipe External:	None	
Pipe Containment:	None	Haz Percent: 2
Leak Detection:	None	
Overfill Protection:	Not reported	
Chemical:	Sodium hydroxide	
Tank Closed:	00/00	
PBS Number:	Not reported	SWIS Code: 6301
Federal ID:	Not reported	
MOSF Number:	Not reported	CAS Number: 1310732
SPDES Number:	Not reported	ICS Number: 2-700754
Facility Type:	Manufacturing	
Operator:	LEE PRINCIPE	Facility Town: NEW YORK CITY
Emrgncy Contact:	CHARLES LUGINBILL	Emrgncy Phone: (201) 933-8800
Certified Date:	08/31/1995	Expiration Date: 09/22/1997
Owner type:	Corporate/Commercial	
Owner Sub Type:	Not reported	
Mail Name:	SIKA CORPORATION	
Mail Contact:	CHARLES LUGINBILL 201 POLITO AVE. LYNDHURST, NJ 07071	
Mail Phone:	(201) 933-8800	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANTHONY CONCRETE (Continued)

S102639396

Tank Secret:	False	Date Entered:	09/22/1989 08:44:29
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	06/07/93	Date Expired:	09/22/95
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	18012		
Date Pre-Printed Renewal App Form Was Last Printed:	06/06/1997		

63
North
1/4-1/2
1436 ft.

26-32 SKILLMAN AVE
LONG ISLAND CITY, NY

LTANKS S105999403
N/A

Relative:
Higher

Actual:
14 ft.

LTANKS:

Spill Number:	0209560	Region of Spill:	2
Facility ID:	0209560	DER Facility ID:	230128
Site ID:	283736	CID:	07
Spill Date:	12/17/02	Reported to Dept:	12/17/02
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	PRIVATE DWELLING
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(718) 729-1552
Investigator:	mxferoze	SWIS:	3101
Caller Name:	RENE LEWIS	Caller Agency:	A L EASTMAN & SON
Caller Phone:	(718) 378-7000	Caller Extension:	Not reported
Notifier Name:	MANNY CENTENO	Notifier Agency:	A L EASTMAN & SON
Notifier Phone:	(718) 378-7000	Notifier Extension:	Not reported
Spiller Contact:	ERNEST	Spiller Phone:	(718) 729-1552
Spiller:	ERNEST		
Spiller Company:	Not reported		
Spiller Address:	26-32 SKILLMAN AVE LONG ISLAND CITY, NY		
Spiller County:	001		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	02/17/06		
Spill Notifier:	TANK TESTER		
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
UST Trust:	False		
Spill Record Last Update:	02/17/06		
Date Spill Entered In Computer Data File:	12/17/02		
Remediation Phase:	0		
Program Number:	0209560		
Regional Use:	Not reported		
Material			
Material ID :	512980		
Site ID :	283736		
Operable Unit :	01		
Operable Unit ID :	860830		
Material Code :	0003		
Material Name :	#6 Fuel Oil		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105999403

Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 2412
Site ID : 283736
Tank Number : 1
Tank Size : 6000
Test Method : 03
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIPPLE" CALLED ERNEST TRENTO, CO-OWNER FOR THIS PROPERTY, WHO CONFIRMED THAT THE TANK FAILED TIGHTNESS TEST. TANK TEST FAILURE LETTER WILL BE SENT, VIA THE MAIL, TODAY. E.R. 1/
14/04 TIPPLE Sent request for documentation. 12/19/05 Feroze. Spill is transferred from Ketani to Feroze. 02/01/06. Feroze . Phone No. 718- 729-1552 is not in service. PBS of this site is #2-349429. TTF is sent: Satt realty Corp. 26-32 Ski Ilman Ave, Long Island City. NY 11101. 02/17/06. Feroze, According to PBS documents the tank is closed and removed from the place. There was a leak in dry portion of the tank. Consultation with DEC Jake the still is closed.

Remark: CALLER AGENCY CALLED TO DO TANK TEST - TEST RESULTED IN DRY LEAKAGE.

Spill Number:	0303917	Region of Spill:	2
Facility ID:	0303917	DER Facility ID:	228002
Site ID:	280781	CID:	07
Spill Date:	07/14/03	Reported to Dept:	07/14/03
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	CESAWYER	SWIS:	4101
Caller Name:	ANTIL ANTOINE	Caller Agency:	TANKNOWLGES
Caller Phone:	(413) 246-2664	Caller Extension:	Not reported
Notifier Name:	ANTIL ANTOINE	Notifier Agency:	TANKNOWLGES
Notifier Phone:	(413) 246-2664	Notifier Extension:	Not reported
Spiller Contact:	ANTIL ANTOINE	Spiller Phone:	(413) 246-2664
Spiller:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105999403

Spiller Company: Not reported
Spiller Address: 26-32 SKILLMAN AVE
LONG ISLAND CITY, NY 11101
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 01/07/04

Spill Notifier: TANK TESTER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 01/07/04

Date Spill Entered In Computer Data File: 07/14/03

Remediation Phase: 0

Program Number: 0303917

Regional Use: Not reported

Material

Material ID : 504775

Site ID : 280781

Operable Unit : 01

Operable Unit ID : 872173

Material Code : 0002

Material Name : #4 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Tank Test

Spill Tank Test : Not reported

Site ID : Not reported

Tank Number : Not reported

Tank Size : Not reported

Test Method : Not reported

Leak Rate : Not reported

Gross Fail : Not reported

Modified By : Not reported

Last Modified : Not reported

Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"SAWYER" Tank test failure letter sent to: Mr. Ernie Trento c/o
American Plume PO Box 566 Clarks Summit, PA 18411 9/17/03 TRANSFERRED
FROM TIPPLE TO SAWYER 11/26/03 1042 Hr

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105999403

s - Sawyer - Received an extensive fax from the lawyer J. James Carriero for the tank closure that happened on 8/1/03. All disposal, removal and end point sample analysis is contained in this report. A "No Further Action" letter will be sent to Ernie Trento. Closed.

Remark: uncover - repair - retest

64
ESE
1/4-1/2
1571 ft.

ABCO SUPPLY
49-70 31ST ST
LONG ISLAND, NY

LTANKS
HIST LTANKS

S103238396
N/A

Relative:
Higher

Actual:
13 ft.

LTANKS:

Spill Number: 9802259
Facility ID: 9802259
Site ID: 110983
Spill Date: 05/20/98
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: EXHAMPST
Caller Name: MICHAEL SEPE
Caller Phone: (516) 586-4900
Notifier Name: MICHAEL SEPE
Notifier Phone: (516) 586-4900
Spiller Contact: JOE EPIFANE
Spiller: JOE EPIFANE
Spiller Company: ABCO SUPPLY
Spiller Address: 49-70 31ST ST
LONG ISLAND, ZZ
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 97125
CID: 252
Reported to Dept: 05/20/98
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: (718) 937-9000
SWIS: 4101
Caller Agency: FENLEY & NICOLS
Caller Extension: Not reported
Notifier Agency: FENLEY & NICOLS
Notifier Extension: Not reported
Spiller Phone: (718) 937-9000

Spill Closed Dt: / /

Spill Notifier: TANK TESTER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 12/29/05

Date Spill Entered In Computer Data File: 05/20/98

Remediation Phase: Not reported

Program Number: 9802259

Regional Use: Not reported

Material

Material ID : 320594

Site ID : 110983

Operable Unit : 01

Operable Unit ID : 1060317

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ABCO SUPPLY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103238396

Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 20488
Site ID : 110983
Tank Number : 00000000000
Tank Size : 5000
Test Method : 03
Leak Rate : -0.68
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"ZHAO" 10/24/00 originally assigned to tomasello. reassigned to zhao.
12/29/05 Transferred to E. Hampston via Spill Initiative. PBS
indicates tank closed in place. Need to cont
act possible owner George Moncher (#718-937-9000) to determine
investigation and cleanup status.
Remark: CONTRACTOR BEING CALLED IN TO LOCATE PROBLEM WITH TANK-SOIL TO BE
STOCKPILED FOR CLEAN UP. HOWARD KATZ 2ND CONTACT PERSON 718-937-9000.

HIST LTANKS:

Spill Number: 9802259 Region of Spill: 2
Spill Date: 05/20/1998 14:45 Reported to Dept: 05/20/98 17:04
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Resource Affected: On Land
Spill Cause: Tank Test Failure
Facility Contact: JOE EPIFANE Facility Tele: (718) 937-9000
Investigator: ZHAO SWIS: 63
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
Spiller Contact: JOE EPIFANE Spiller Phone: (718) 937-9000
Spiller: ABCO SUPPLY
Spiller Address: 49-70 31ST ST
LONG ISLAND
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: 0-000000
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ABCO SUPPLY (Continued)

S103238396

UST Involvement: False
Spill Record Last Update: 10/24/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/20/98
Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: 00000000000
Test Method: Horner EZ Check
Capacity of Failed Tank: 5000
Leak Rate Failed Tank: -0.68
Gross Leak Rate: Not reported

Material:

Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464

DEC Remarks: 10/24/00 originally assigned to tomasello. reassigned to hao.

Spill Cause: CONTRACTOR BEING CALLED IN TO LOCATE PROBLEM WITH TANK-SOIL TO BE STOCKP
ILED FOR CLEAN UP. HOWARD KATZ 2ND CONTACT PERSON 718-937-9000.

O65
NE
1/4-1/2
1581 ft.

JOMEIRA REALITY
47-20 30TH ST
LONG ISLAND CITY, NY

LTANKS **S105995090**
N/A

Site 1 of 2 in cluster O

Relative:
Higher

Actual:
11 ft.

LTANKS:

Spill Number: 0110569
Facility ID: 0110569
Site ID: 153440
Spill Date: 02/04/02
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: JBVOUGHT
Caller Name: JIM DONELAN
Caller Phone: (631) 321-4670
Notifier Name: EMPLOYEE
Notifier Phone: Not reported
Spiller Contact: LARRY
Spiller: Not reported
Spiller Company: SAME
Spiller Address: NY
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 130179
CID: 07
Reported to Dept: 02/04/02
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: Not reported
SWIS: 4101
Caller Agency: PRO TEST ENTERPRISES
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 729-5700

Spill Closed Dt: 03/01/02
Spill Notifier: TANK TESTER
Cleanup Ceased: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

JOMEIRA REALITY (Continued)

S105995090

Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 03/01/02
Date Spill Entered In Computer Data File: 02/04/02
Remediation Phase: 0
Program Number: 0110569
Regional Use: Not reported
Material
 Material ID : 528190
 Site ID : 153440
 Operable Unit : 01
 Operable Unit ID : 847652
 Material Code : 0001
 Material Name : #2 Fuel Oil
 Case No. : Not reported
 Material FA : Petroleum
 Quantity : 0.00
 Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
 Spill Tank Test : 1424
 Site ID : 153440
 Tank Number : 1
 Tank Size : 4500
 Test Method : 03
 Leak Rate : 0.00
 Gross Fail : Not reported
 Modified By : Spills
 Last Modified : 10/01/04
 Test Method : Horner EZ Check I or II
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
 "VOUGHT" 3/1/2002-VOUGHT-Initial tank test performed by ProTest
 Laboratories. Second and third tank test performed by Federal
 Electrical Supply Corporation (718-729-5700). The reason
 for spill report was initial tank test failure. As a result of
 failure vent line, fill line, suction line and return line were replaced
 by Petroleum Tank Cleaners. Tank was tested again on 2-6-2002 and
 failed again because testers failed to close
 the off return line to day tank. Tank and system was tested for third
 time and passed on 2-14-2002. Isaac Mungra and Anthony (PTC) confirmed
 that there was no soil or groundwater contamination. Tank tests and
 repair invoices were provided. Spill closed by Vought.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JOMEIRA REALITY (Continued)

EDR ID Number
EPA ID Number

S105995090

Remark: Not reported

O66
NE
1/4-1/2
1587 ft.

47-20 30TH ST
47-20 30TH ST
NEW YORK CITY, NY

LTANKS
HIST LTANKS

S100167498
N/A

Site 2 of 2 in cluster O

Relative:
Higher

LTANKS:

Actual:
11 ft.

Spill Number:	8708435	Region of Spill:	2
Facility ID:	8708435	DER Facility ID:	279923
Site ID:	153441	CID:	Not reported
Spill Date:	12/31/87	Reported to Dept:	12/31/87
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	SWIS:	4101
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	UNKNOWN		
Spiller Address:	NY		
Spiller County:	999		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 11/02/92

Spill Notifier: TANK TESTER
Cleanup Ceased: 11/02/92
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 05/12/94
Date Spill Entered In Computer Data File: 02/01/88
Remediation Phase: 0
Program Number: 8708435
Regional Use: Not reported
Material
Material ID : 463825
Site ID : 153441
Operable Unit : 01
Operable Unit ID : 913049
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : Not reported
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

47-20 30TH ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100167498

Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 7446
Site ID : 153441
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Not reported

Remark: 5K TANK CANNOT MAINTAIN LEVEL IN STANDPIPE, PRODUCT LEVEL BELOW TANK TOP, POSSIBLE PIPE PROBLEM.

HIST LTANKS:

Spill Number: 8708435
Spill Date: 12/31/1987 12:30
Water Affected: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Region of Spill: 2
Reported to Dept: 12/31/87 13:41
Spill Source: Other Commercial/Industrial

Facility Contact: Not reported
Investigator: BATTISTA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: UNKNOWN
Spiller Address: Not reported
Facility Tele: Not reported
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 11/02/92
Spill Notifier: Tank Tester
PBS Number: 2-303658

Cleanup Ceased: 11/02/92

Last Inspection: / /

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/12/94
Is Updated: False

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/01/88
Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

47-20 30TH ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100167498

Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: / / : 311 2 0 0 4 2 N.T.R2 2-065153 0014100/00+ @ 31 0 0 2 12/872 2-06
5188 0014103/74+ @ 21 2 0 0 4 212/8712/922 .
Spill Cause: 5K TANK CANNOT MAINTAIN LEVEL IN STANDPIPE, PRODUCT LEVEL BELOW TANK TOP
, POSSIBLE PIPE PROBLEM.

P67
SSW
1/4-1/2
1967 ft.

DEPT OF SANITATION
459 N HENRY ST
BROOKLYN, NY

LTANKS S104950988
HIST LTANKS N/A

Site 1 of 2 in cluster P

Relative:
Lower

LTANKS:

Actual:
2 ft.

Spill Number: 0012519
Facility ID: 0012519
Site ID: 197038
Spill Date: 02/22/01
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: AHMED
Caller Name: PHIL FAZIN
Caller Phone: (516) 939-2959
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: ROBERT JOHNSON
Spiller: ROBERT JOHNSON
Spiller Company: DEPT OF SANITATION
Spiller Address: ASTORIA, NY
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 164013
CID: 14
Reported to Dept: 02/22/01
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (914) 633-7500
SWIS: 2401
Caller Agency: CROWN LEAK DETECTION
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 768-5795

Spill Closed Dt: / /

Spill Notifier: TANK TESTER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 04/30/04

Date Spill Entered In Computer Data File: 02/22/01

Remediation Phase: Not reported

Program Number: 0012519

Regional Use: Not reported

Material

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DEPT OF SANITATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104950988

Material ID : 542783
Site ID : 197038
Operable Unit : 01
Operable Unit ID : 834047
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 678
Site ID : 197038
Tank Number : 1
Tank Size : 5000
Test Method : 03
Leak Rate : 0.00
Gross Fail : F
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II

DEC Remarks : Not reported

Remark: UNCOVER ISOLATE AND RETEST

HIST LTANKS:

Spill Number:	0012519	Region of Spill:	2
Spill Date:	02/22/2001 14:00	Reported to Dept:	02/22/01 14:09
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	ROBERT JOHNSON	Facility Tele:	(914) 633-7500
Investigator:	DEMEO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	ROBERT JOHNSON	Spiller Phone:	(718) 768-5795
Spiller:	DEPT OF SANITATION		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	2-455946
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DEPT OF SANITATION (Continued)

S104950988

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 02/26/01
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/22/01
Date Region Sent Summary to Central Office: / /
Tank Test:
 PBS Number: Not reported
 Tank Number: 1
 Test Method: Horner EZ Check
 Capacity of Failed Tank: 5000
 Leak Rate Failed Tank: 0.00
 Gross Leak Rate: Tank Test Failures only pass or fail
Material:
 Material Class Type: 1
 Quantity Spilled: 0
 Units: Gallons
 Unknown Qty Spilled: No
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: #2 FUEL OIL
 Class Type: Petroleum
 Chem Abstract Service Number: #2 FUEL OIL
 Last Date: 12/07/1994
 Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: UNCOVER ISOLATE AND RETEST

P68 NYCDOS MTS @GREENPOINT
SSW NORTH HENRY ST. (NEWTOWN CREEK IN GREENPOINT)
1/4-1/2 BROOKLYN, NY 11222
2032 ft.

SWF/LF S100443806
 N/A

Site 2 of 2 in cluster P

Relative:
Lower

LF:

Actual:
2 ft.

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	2128378030	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported		
	Not reported		
	0	Owner Phone :	0
Owner Email :	Not reported		
Contact Name :	Paul Bekowies		
Contact Address :	Not reported		
	Not reported		
	Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	C&D processing - registered		
Activity Number :	24W02		
Active :	No	Accuracy Code :	Not reported
North Coordinate :	4509974	East Coordinate :	588853
Regulatory Status	Permit		
Waste Type :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NYCDOS MTS @GREENPOINT (Continued)

S100443806

Authorization # : 2-6101-00022 Authorization Date :12/8/1995
Expiration Date : 12/31/2005
Flag : INACTIVE

Secondary Addr : Not reported Region Code : 2
Phone Number : 2128378030 Owner Name : Not reported
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported Owner Phone : 0
Contact Name : Paul Bekowies
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported Contact Phone : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 24T02
Active : No Accuracy Code : Not reported
North Coordinate :4509974 East Coordinate : 588853
Regulatory Status Permit
Waste Type : Not reported

Authorization # : 2-6101-00022 Authorization Date :12/8/1995
Expiration Date : 12/31/2005
Flag : INACTIVE

69
SE
1/4-1/2
2077 ft.

ACTIVE STEEL DRUM CO INC
52-30 34TH ST
LONG ISLAND CITY, NY 11101

RCRA-SQG 1000265123
FINDS NYD003933355
CORRACTS
NY MANIFEST

Relative:
Higher

CORRACTS Data:

Actual:
21 ft.

EPA Id: NYD003933355
Region: 02
Area Name: SITEWIDE
Actual Date: 01/13/2004
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Not reported

EPA Id: NYD003933355
Region: 02
Area Name: SITEWIDE
Actual Date: 09/08/1993
Corrective Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
2002 NAICS Title: Not reported

EPA Id: NYD003933355
Region: 02
Area Name: SITEWIDE
Actual Date: 09/19/1995
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations,

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACTIVE STEEL DRUM CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000265123

the status of corrective action work at the facility, or other, administrative considerations

2002 NAICS Title: Not reported

EPA Id: NYD003933355
Region: 02
Area Name: SITEWIDE
Actual Date: 09/28/1995
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title: Not reported

EPA Id: NYD003933355
Region: 02
Area Name: SITEWIDE
Actual Date: 09/28/1995
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: Not reported

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 01/13/2004

Event: RFA Completed
Event Date: 09/28/1995

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 09/28/1995

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 09/19/1995

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

RCRAInfo:

Owner: BARRY K. FINE
(516) 665-4375
EPA ID: NYD003933355
Contact: BARRY K FINE
(718) 786-9300
Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACTIVE STEEL DRUM CO INC (Continued)

EDR ID Number
EPA ID Number

1000265123

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/13/1984
Actual Date Achieved Compliance:	05/13/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/22/1987
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870513

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID:	NYO1031967
Manifest Status:	K
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	840718
Trans1 Recv Date:	840718
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840719
Part A Recv Date:	840904
Part B Recv Date:	840726
Generator EPA ID:	NYD003933355
Trans1 EPA ID:	OHD075006304
Trans2 EPA ID:	Not reported
TSD ID:	OHD055522429
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00012
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	84
Facility Type:	Both Generator and TSD
EPA ID:	NYD003933355
Facility Name:	ACTIVE STEEL DRUM
Facility Address:	52-30 34TH ST
Facility City:	LONG ISLAND CITY
Facility Zip 4:	3202
Country:	Not reported
County:	QUEENS
Mailing Name:	ACTIVE STEEL DRUM CO INC
Mailing Contact:	FINE BARRY K PRESIDENT
Mailing Address:	52-30 34TH ST
Mailing City:	LONG ISLAND CITY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACTIVE STEEL DRUM CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000265123

Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: 3202
Mailing Country: USA
Mailing Phone: 212-786-9300
Mailing Name: ACTIVE STEEL DRUM
Mailing Contact: FINE BARRY K PRESIDENT
Mailing Address: 52-30 34TH ST
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: 3202
Mailing Country: USA
Mailing Phone: 212-786-9300

[Click this hyperlink](#) while viewing on your computer to access
3 additional NY MANIFEST: record(s) in the EDR Site Report.

70
East
1/4-1/2
2081 ft.

49-25 VAN DAMM STREET
49-25 VAN DAMM STREET
LONG ISLAND CITY, NY

LTANKS S104513542
HIST LTANKS N/A

Relative:
Higher

Actual:
19 ft.

LTANKS:

Spill Number:	9206855	Region of Spill:	2
Facility ID:	9206855	DER Facility ID:	125923
Site ID:	147934	CID:	07
Spill Date:	09/14/92	Reported to Dept:	09/14/92
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	GASOLINE STATION
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	O'DOWD	SWIS:	4101
Caller Name:	DON CLARK	Caller Agency:	TANKNOLOGY
Caller Phone:	(413) 789-2605	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	Not reported		
Spiller Address:	***Update***, ZZ		
Spiller County:	001		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 11/16/92

Spill Notifier: TANK TESTER
Cleanup Ceased: 11/16/92
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 03/19/04
Date Spill Entered In Computer Data File: 09/18/92
Remediation Phase: 0
Program Number: 9206855
Regional Use: Not reported
Material
Material ID : 570339

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

49-25 VAN DAMM STREET (Continued)

S104513542

Site ID : 147934
Operable Unit : 01
Operable Unit ID : 970647
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : L
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 15137
Site ID : 147934
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Not reported
Remark: WILL UNCOVER/ISOLATE/RETEST

HIST LTANKS:

Spill Number:	9206855	Region of Spill:	2
Spill Date:	09/14/1992 17:30	Reported to Dept:	09/14/92 17:58
Water Affected:	Not reported	Spill Source:	Gas Station
Resource Affected:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	O'DOWD	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/16/92		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	11/16/92		
Last Inspection:	/ /		
Cleanup Meets Standard:	True		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

49-25 VAN DAMM STREET (Continued)

S104513542

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 03/03/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/18/92
Date Region Sent Summary to Central Office: / /
Tank Test:
 PBS Number: Not reported
 Tank Number: Not reported
 Test Method: Not reported
 Capacity of Failed Tank: 0
 Leak Rate Failed Tank: 0.00
 Gross Leak Rate: Not reported
Material:
 Material Class Type: 1
 Quantity Spilled: -1
 Units: Pounds
 Unknown Qty Spilled: -1
 Quantity Recovered: 0
 Unknown Qty Recovered: False
 Material: GASOLINE
 Class Type: Petroleum
 Chem Abstract Service Number: GASOLINE
 Last Date: 09/29/1994
 Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: WILL UNCOVER/ISOLATE/RETEST

71
ESE
1/4-1/2
2081 ft.

49-01 VAN DAM STREET
49001 VAN DAM STREET
LONG ISLAND CITY, NY

LTANKS S101341162
HIST LTANKS N/A

Relative:
Higher

Actual:
19 ft.

LTANKS:

Spill Number: 9410908
Facility ID: 9410908
Site ID: 292847
Spill Date: 11/15/94
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK FAILURE
Facility Address 2: Not reported
Investigator: EXHAMPST
Caller Name: MURALI AGAR
Caller Phone: (718) 331-5003
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Company: JEAN SATOSKI-OWNER
Spiller Address: ZZ
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 237038
CID: Not reported
Reported to Dept: 11/15/94
DEC Region: 2
Spill Source: GASOLINE STATION

Facility Tele: Not reported
SWIS: 4101
Caller Agency: TONE TANK & PUMP
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spill Closed Dt: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

49-01 VAN DAM STREET (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101341162

Spill Notifier: AFFECTED PERSONS
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 12/29/05
Date Spill Entered In Computer Data File: 12/12/94
Remediation Phase: Not reported
Program Number: 9410908
Regional Use: Not reported
Material
Material ID : 376773
Site ID : 292847
Operable Unit : 01
Operable Unit ID : 1008775
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL C" 4/12/04-Vought-Spill transferred from Miller to Rommel as per Rommel. 3/28/05 - also see 8804104. KST 12/29/05 Transferred to E. Hampston via Spills Initiative. Write letter to owner requesting update/information.

Remark: DISCOVERED IN TANK PULL

HIST LTANKS:

Spill Number:	9410908	Region of Spill:	2
Spill Date:	11/15/1994 15:00	Reported to Dept:	11/15/94 16:22
Water Affected:	Not reported	Spill Source:	Gas Station
Resource Affectd:	On Land		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

49-01 VAN DAM STREET (Continued)

S101341162

Spill Cause: Tank Failure
Facility Contact: Not reported
Investigator: MILLER
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: JEAN SATOSKI-OWNER
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Affected Persons
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 07/05/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/12/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: DISCOVERED IN TANK PULL

Facility Tele: Not reported
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

PBS Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q72
East
1/4-1/2
2089 ft.

GREEN SERVICE STA
49001 VAN DAM
NYC, NY

LTANKS **S106703261**
HIST LTANKS **N/A**

Site 1 of 2 in cluster Q

Relative:
Higher

LTANKS:

Actual:
18 ft.

Spill Number:	8804104	Region of Spill:	2
Facility ID:	8804104	DER Facility ID:	194926
Site ID:	236610	CID:	Not reported
Spill Date:	08/10/88	Reported to Dept:	08/10/88
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	JMROMMEL	SWIS:	4101
Caller Name:	HOWARD GREENBERG	Caller Agency:	ALVIN PETROLEUM
Caller Phone:	(718) 461-5400	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	SAME		
Spiller Address:	NY		
Spiller County:	001		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 03/28/05

Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 03/28/05
Date Spill Entered In Computer Data File: 08/23/88
Remediation Phase: 0
Program Number: 8804104
Regional Use: Not reported
Material
Material ID : 459623
Site ID : 236610
Operable Unit : 01
Operable Unit ID : 919193
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREEN SERVICE STA (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703261

Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 8995
Site ID : 236610
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"ROMMEL" 4/12/04-Vought-Spill transferred from Sullivan to Rommel as
per Rommel. 3/28/05 - spill closed, refer to 9410908 for tracking. -
KST

Remark: FAILED PRESSURE TEST @ 3 - 550 GAL TANKS. E & I & R.

HIST LTANKS:

Spill Number: 8804104
Spill Date: 08/09/1988 16:00
Water Affected: Not reported
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Facility Contact: Not reported
Investigator: SULLIVAN
Region of Spill: 2
Reported to Dept: 08/10/88 09:26
Spill Source: Other Commercial/Industrial

Spill Cause: Tank Test Failure
Facility Contact: Not reported
Investigator: SULLIVAN
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: SAME
Spiller Address: Not reported
Spill Class: Known release that creates a file or hazard. DEC Response. Willing
Responsible Party. Corrective action taken.
Facility Tele: Not reported
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spill Closed Dt: / /
Spill Notifier: Tank Tester
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 07/03/95
Is Updated: False
PBS Number: 2-194581

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/23/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREEN SERVICE STA (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703261

Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: -1
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: FAILED PRESSURE TEST @ 3 - 550 GAL TANKS. E I R.

Q73
East
1/4-1/2
2089 ft.

4901 VAN DAM ST/MOBIL
4901 VAN DAM ST/MOBIL
LIC, NY

LTANKS
HIST LTANKS

S106703575
N/A

Site 2 of 2 in cluster Q

Relative:
Higher

Actual:
18 ft.

LTANKS:

Spill Number:	9107165	Region of Spill:	2
Facility ID:	9107165	DER Facility ID:	207495
Site ID:	253284	CID:	Not reported
Spill Date:	10/03/91	Reported to Dept:	10/03/91
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	GASOLINE STATION
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	KSTANG	SWIS:	4101
Caller Name:	TONY RIZZO	Caller Agency:	ALVIN PETRO
Caller Phone:	(718) 461-5400	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	Not reported		
Spiller Address:	***Update***, ZZ		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 10/03/91

Spill Notifier: TANK TESTER
Cleanup Ceased: 10/03/91
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 07/07/03
Date Spill Entered In Computer Data File: 10/07/91
Remediation Phase: 0
Program Number: 9107165
Regional Use: Not reported
Material
Material ID : 419390
Site ID : 253284

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

4901 VAN DAM ST/MOBIL (Continued)

S106703575

Operable Unit : 01
Operable Unit ID : 961402
Material Code : 0011
Material Name : Jet Fuel
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 13700
Site ID : 253284
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "TANG"

Remark: TWO 550'S AIR TEST 10LBS. REPAIRED FILL BOX & TESTED OK.

HIST LTANKS:

Spill Number:	9107165	Region of Spill:	2
Spill Date:	10/03/1991 13:50	Reported to Dept:	10/03/91 14:52
Water Affected:	Not reported	Spill Source:	Gas Station
Resource Affected:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	MOBIL		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	10/03/91		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	10/03/91		
Last Inspection:	/ /		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

4901 VAN DAM ST/MOBIL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703575

Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/07/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: JET FUEL
Class Type: Petroleum
Chem Abstract Service Number: JET FUEL
Last Date: 07/28/1994
Num Times Material Entry In File: 1264
DEC Remarks: Not reported
Spill Cause: TWO 550 S AIR TEST 10LBS. REPAIRED FILL BOX TESTED OK.

74
South
1/4-1/2
2141 ft.

ALLOCCO RECYCLING; LTD (C&D REGISTRATION
540 KINGSLAND AVENUE
BROOKLYN, NY 11222

SWF/LF S105841233
N/A

Relative:
Higher

LF:

Actual:
6 ft.

Secondary Addr : Not reported
Phone Number : 7183493094
Owner Type : Private
Owner Address : 540 Kingsland Avenue
Not reported
Brooklyn, NY 0
Owner Email : Not reported
Contact Name : MICHAEL ALLOCO; PRESIDENT
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24WA3
Active : Yes
North Coordinate : 4509500
Regulatory Status : Not reported
Waste Type : Not reported
Authorization # : 2-6101-00125
Expiration Date : Not reported
Flag : ACTIVE
Region Code : 2
Owner Name : Alloco Recycling Corp
Owner Phone : 0
Contact Phone : Not reported
Accuracy Code : 2.1 - NYSDEC 100 m grid collection
East Coordinate : 589200
Authorization Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

75
West
1/4-1/2
2144 ft.

51-02 21 ST
51-02 21 ST
NYC, NY

LTANKS
HIST LTANKS
S106703282
N/A

Relative:
Higher

Actual:
7 ft.

LTANKS:

Spill Number: 8806127
Facility ID: 8806127
Site ID: 189954
Spill Date: 10/20/88
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: SMSANGES
Caller Name: NAT MOSER
Caller Phone: (516) 933-1085
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Company: AMJ REALTY CO
Spiller Address: SAME
ZZ

Region of Spill: 2
DER Facility ID: 158514
CID: Not reported
Reported to Dept: 10/20/88
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (718) 361-1373
SWIS: 4101
Caller Agency: GND
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 07/19/04

Spill Notifier: TANK TESTER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 08/02/04

Date Spill Entered In Computer Data File: 10/31/88

Remediation Phase: 0

Program Number: 8806127

Regional Use: Not reported

Material

Material ID : 454482

Site ID : 189954

Operable Unit : 01

Operable Unit ID : 922957

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : -1.00

Units : L

Recovered : No

Resource Affected - Soil : No

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : Yes

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

51-02 21 ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703282

Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 9353
Site ID : 189954
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "SANGESLAND" AUSTIN - SPILL ORIG. ASSIGNED TO BATTISTA 11/04/93: MID COUNTY MECH. PERMANENTLY TOOK TANK OUT OF SERVICE 12/88 AND INSTALLED A NEW TANK 6/89. 12/19/2001 Sangesland spoke with Stephine Davis from FPM Group (631-737-6200 ext228). She called asking what can be done to close out this spill report. Apparently FPM Group started working on the site in 1993. At that time the "Free Product" plume (from a buried heating oil tank) was defined. Property is approx 1 acre and is a picture framing company in a 5 story building. Two belt skimmer wells were installed in 1993 and have been operating ever since. Product was skimmed off, separated, water has been d rumbled and removed from the site and product piped back into the heating oil tank to be used in the building burner. The building owner has been operating the system and now says there is very little product in the skimmers. Sangesland told Ms. Davis to submit a report (with as much DEC correspondence as possible in the appendix). The report should include a write up (1-2 page) of what the original problem was, what investigation/delineation was done and how the system has operated for the last 8 years. Sangesland said the area needs to once again be delineated to confirm the plume is gone. Suggested geo-probe in the area of the plume. Finally the environmental consultant will need to define how the dissolved product will be addressed from now on. 11/19/2003 Sangesland reviewed a report by Gregory Scott of Roux Associates (631-232-2600). The report outlines the work done on the site between 1988 and 2002. Belt skimmers were installed in 2 wells and pulled out 150 gallons of oil over a period of years. These skimmers were shut down in 2002 and this letter was requesting formal approval to shut them down. Since the floating product was removed, Roux would like the DEC to close out the case..... NO. DEC is requesting GW samples from each of the existing wells tested to method 8270 and 8021. Depending on the concentration levels, additional remedial work may be required. 2/10/2004 Roux Associates Inc submitted a report dated 1/29/04. This report stated that "slight traces of measurable floating product is present in the onsite wells". This statement requires the DEC to maintain this as an open case. 3/4/2004 Roux Associates stated that they will do another round of sampling of the wells and submit the results "soon". 3/23/2004 Roux submitted a letter dated 3/22/2004 which states "no measurable floating product is present in the

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

51-02 21 ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703282

onsite wells. Though monitoring well MW-4 contained an absorbent sock with minimal product staining" No testing of these groundwater samples was done. June 2004 - Sangesland and Austin made a site visit and concluded the spill should be closed out. DEC requested a final report with certain information documented. 7/19/2004 - Sangesland reviewed a report from Roux associates. All of the requested information was included. Based on this report, the former problem at the site has been remediated and now the site has very minor trace "hits" which may or may not be related to the original problem or from off site locations. Based on the industrial nature of the site and the fact that there are no impacts to human contact the DEC has closed out this case.

Remark: 10K TK SYS FAILED PETRO, WOULDN'T MAINTAIN LEVEL IN STAND PIPE.

HIST LTANKS:

Spill Number:	8806127	Region of Spill:	2
Spill Date:	10/20/1988 10:00	Reported to Dept:	10/20/88 10:17
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affected:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	(718) 361-1373
Investigator:	SANGESLAND /BATTISTA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	AMJ REALTY CO		
Spiller Address:	SAME		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/04/93		
Spill Notifier:	Tank Tester	PBS Number:	2-149780
Cleanup Ceased:	11/04/93		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	12/19/01		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	10/31/88		
Date Region Sent Summary to Central Office:	/ /		
Tank Test:			
PBS Number:	Not reported		
Tank Number:	Not reported		
Test Method:	Not reported		
Capacity of Failed Tank:	0		
Leak Rate Failed Tank:	0.00		
Gross Leak Rate:	Not reported		
Material:			
Material Class Type:	1		
Quantity Spilled:	-1		
Units:	Pounds		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

51-02 21 ST (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106703282

Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Spill Cause: 10K TK SYS FAILED PETRO, WOULDNT MAINTAIN LEVEL IN STAND PIPE.

[Click this hyperlink](#) while viewing on your computer to access additional HIST LTANKS detail in the EDR Site Report.

76
West
1/4-1/2
2151 ft.

21-07 BORDEN AVE
21-07 BORDEN AVE
QUEENS, NY

LTANKS
HIST LTANKS
S102662890
N/A

Relative:
Higher

Actual:
6 ft.

LTANKS:

Spill Number:	9614479	Region of Spill:	2
Facility ID:	9614479	DER Facility ID:	92184
Site ID:	104312	CID:	199
Spill Date:	03/15/97	Reported to Dept:	03/15/97
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(800) 635-3835
Investigator:	TOMASELLO	SWIS:	4101
Caller Name:	JOHN GOODWIN	Caller Agency:	MYSTIC TRANSPORT
Caller Phone:	(718) 932-9075	Caller Extension:	Not reported
Notifier Name:	TOM SCHEHR	Notifier Agency:	DRIVER
Notifier Phone:	(718) 932-9075	Notifier Extension:	Not reported
Spiller Contact:	JOHN GOODWIN	Spiller Phone:	(800) 635-3835
Spiller:	JOHN GOODWIN		
Spiller Company:	MYSTIC TRANSPORT		
Spiller Address:	1901 STEINWAY ST ASTORIA, NY		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 02/25/03

Spill Notifier: RESPONSIBLE PARTY
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 02/25/03
Date Spill Entered In Computer Data File: 03/15/97
Remediation Phase: 0
Program Number: 9614479
Regional Use: Not reported
Material
Material ID : 339587
Site ID : 104312
Operable Unit : 01
Operable Unit ID : 1042165
Material Code : 0001
Material Name : #2 Fuel Oil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

21-07 BORDEN AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102662890

Case No. : Not reported
Material FA : Petroleum
Quantity : 10.00
Units : G
Recovered : 10
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Not reported

Remark: TANK OVERFILL BY DRIVER - MATERIAL SPILLED ONTO SIDEWALK - OIL CLEANED UP BY DRIVER

HIST LTANKS:

Spill Number:	9614479	Region of Spill:	2
Spill Date:	03/15/1997 12:15	Reported to Dept:	03/15/97 12:30
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affected:	On Land		
Spill Cause:	Tank Overfill		
Facility Contact:	JOHN GOODWIN	Facility Tele:	(800) 635-3835
Investigator:	TOMASELLO	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	JOHN GOODWIN	Spiller Phone:	(800) 635-3835
Spiller:	MYSTIC TRANSPORT		
Spiller Address:	1901 STEINWAY ST ASTORIA, NY		

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /

Spill Notifier: Responsible Party

PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: / /

Enforcement Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

21-07 BORDEN AVE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102662890

Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 03/17/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 03/15/97
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 10
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: TANK OVERFILL BY DRIVER - MATERIAL SPILLED ONTO SIDEWALK - OIL CLEANED UP BY DRIVER

77
SSW
1/4-1/2
2162 ft.

GREENPOINT INCINERATOR
N HENRY ST / KINGSLAND AVE (NEWTN CRK)
BROOKLYN, NY 11222

SWF/LF U000409935
UST N/A

Relative:
Equal

LF:

Actual:
5 ft.

Secondary Addr : Not reported
Phone Number : 7180000000
Owner Type : Not reported
Owner Address : Not reported
Not reported
Owner Email : Not reported
Contact Name : ANTHONY ZARILLO
Contact Address : Not reported
Not reported
Contact Email : Not reported
Activity Desc : Waste combustion - no energy recovery
Activity Number : 24IC2
Active : No
North Coordinate : 4510000
Regulatory Status : None
Waste Type : Not reported
Region Code : 2
Owner Name : Not reported
Owner Phone : Not reported
Contact Phone : Not reported
Accuracy Code : Not reported
East Coordinate : 589000
Authorization # : None
Expiration Date : Not reported
Flag : INACTIVE
Authorization Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREENPOINT INCINERATOR (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000409935

PBS UST:			
PBS Number:	2-455946	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NYC DEPT OF SANITATION, BCC (718) 383-9393		
Emergency Contact:	BUREAU OF W. D. (212) 788-3900		
Total Tanks:	1		
Owner:	NYC DEPT OF SANITATION 125 WORTH STREET NEW YORK, NY 10013 (212) 788-3900		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NYC DEPT OF SANITATION ATTN: CHIEF OF FACILITIES F LEG 125 WORTH STREET 7 FLOOR - RM #726 NEW YORK, NY 10013 (212) 788-3900		
Tank Status:	In Service		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Vent Whistle	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	03/23/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

78
SW
1/4-1/2
2177 ft.

PEREZ INTERBORO ASPHALT C
99 PAIDGE AVENUE
BROOKLYN, NY 0

SWF/LF **S105265264**
N/A

Relative:
Higher

LF:

Actual:
7 ft.

Secondary Addr : Not reported
Phone Number : 7183834100
Owner Type : Private
Owner Address : 99 Paidge Avenue
Not reported
Brooklyn, NY 11222
Owner Email : Not reported
Contact Name : Not reported
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24W08
Active : No
North Coordinate : 0
Regulatory Status Registration
Waste Type : Not reported

Authorization # : 0
Expiration Date : Not reported
Flag : INACTIVE

Region Code : 2
Owner Name : Perez Interboro Asphalt Co.; I

Owner Phone : 7183834100

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 0

Authorization Date : Not reported

79
SE
1/4-1/2
2203 ft.

EMPORIA
53-26 VANDAM ST
QUEENS, NY

LTANKS **S104191933**
HIST LTANKS **N/A**

Relative:
Higher

LTANKS:

Actual:
21 ft.

Spill Number: 9906757
Facility ID: 9906757
Site ID: 152071
Spill Date: 09/07/99
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK FAILURE
Facility Address 2: Not reported
Investigator: TOMASELLO
Caller Name: RON YURON
Caller Phone: (718) 232-9218
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: CALLER
Spiller: JESSIE
Spiller Company: EMPORIA
Spiller Address: ZZ
Spiller County: 001
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Region of Spill: 2
DER Facility ID: 129087
CID: 388
Reported to Dept: 09/07/99
DEC Region: 2
Spill Source: GASOLINE STATION

Facility Tele: (718) 729-9480
SWIS: 4101
Caller Agency: CDSP DEVELOPMENT GRP
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 232-9218

Spill Closed Dt: 03/04/03

Spill Notifier: OTHER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EMPORIA (Continued)

S104191933

UST Trust: True
Spill Record Last Update: 03/04/03
Date Spill Entered In Computer Data File: 09/07/99
Remediation Phase: 0
Program Number: 9906757
Regional Use: Not reported
Material
Material ID : 299481
Site ID : 152071
Operable Unit : 01
Operable Unit ID : 1081073
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Not reported

Remark: CALLER REPORTS HE WAS INSTALLING A TANK AT ABOVE LOCATION AND FOUND CONTAMINATED SOIL.

HIST LTANKS:

Spill Number: 9906757
Spill Date: 09/05/1999 12:00
Water Affected: Not reported
Resource Affected: On Land
Spill Cause: Tank Failure
Facility Contact: JESSIE
Investigator: TOMASELLO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: CALLER

Region of Spill: 2
Reported to Dept: 09/07/99 11:31
Spill Source: Gas Station

Facility Tele: (718) 729-9480
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 232-9218

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EMPORIA (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104191933

Spiller: EMPORIA
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 09/10/99
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/07/99
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: CALLER REPORTS HE WAS INSTALLING A TANK AT ABOVE LOCATION AND FOUND CONTAMINATED SOIL.

80
ESE
1/4-1/2
2230 ft.

VANDAM ST + L.I.E.
VANDAM ST + L.I.E.
QUEENS, NY

LTANKS S102555957
HIST LTANKS N/A

Relative:
Higher

Actual:
19 ft.

LTANKS:

Spill Number:	9614770	Region of Spill:	2
Facility ID:	9614770	DER Facility ID:	132995
Site ID:	157249	CID:	351
Spill Date:	03/24/97	Reported to Dept:	03/24/97
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	TANK TRUCK
Spill Cause:	TANK FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	TOMASELLO	SWIS:	4101
Caller Name:	CHANTEL VINCENT	Caller Agency:	DEP
Caller Phone:	(718) 595-6777	Caller Extension:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

VANDAM ST + L.I.E. (Continued)

S102555957

Notifier Name: OEM
Notifier Phone: Not reported
Spiller Contact: CHANTEL VINCENT
Spiller: Not reported
Spiller Company: UNKNOWN
Spiller Address: NY
Spiller County: 999
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 595-6777

Spill Closed Dt: 03/03/03

Spill Notifier: LOCAL AGENCY
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 03/03/03
Date Spill Entered In Computer Data File: 03/24/97
Remediation Phase: 0
Program Number: 9614770
Regional Use: Not reported
Material

Material ID : 563874
Site ID : 157249
Operable Unit : 01
Operable Unit ID : 1046138
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : 120.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

VANDAM ST + L.I.E. (Continued)

S102555957

Remark: FIRE DEPT ON SCENE - TANK RUPTURED ON TANK TRUCK - CALLER HAD NO FURTHER INFO

HIST LTANKS:

Spill Number:	9614770	Region of Spill:	2
Spill Date:	03/24/1997 11:00	Reported to Dept:	03/24/97 11:18
Water Affected:	Not reported	Spill Source:	Tank Truck
Resource Affected:	On Land		
Spill Cause:	Tank Failure		
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TOMASELLO	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	CHANTEL VINCENT	Spiller Phone:	(718) 595-6777
Spiller:	UNKNOWN		
Spiller Address:	Not reported		

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /

Spill Notifier: Local Agency

PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: / /

Enforcement Date: / /

Investigation Complete: / /

UST Involvement: False

Spill Record Last Update: 03/25/97

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 03/24/97

Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	120
Units:	Gallons
Unknown Qty Spilled:	120
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

DEC Remarks: Not reported

Spill Cause: FIRE DEPT ON SCENE - TANK RUPTURED ON TANK TRUCK - CALLER HAD NO FURTHER INFO

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

81
SE
1/4-1/2
2263 ft.

53-26 VAN DAM ST/QUEENS
53026 VAN DAM STREET
NEW YORK CITY, NY

LTANKS
HIST LTANKS
S100167602
N/A

Relative:
Higher

Actual:
22 ft.

LTANKS:

Spill Number:	8806479	Region of Spill:	2
Facility ID:	8806479	DER Facility ID:	154057
Site ID:	184062	CID:	08
Spill Date:	11/02/88	Reported to Dept:	11/02/88
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	GASOLINE STATION
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	ADMIN. CLOSED	SWIS:	4101
Caller Name:	WILLIAM KLINE	Caller Agency:	FRANKLIN CO. CONTRACTORS
Caller Phone:	(718) 762-5200	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	JOHN'S SERVICE STATION		
Spiller Address:	53-26 VAN DAM STREET LONG ISLAND CITY, NY		
Spiller County:	001		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 03/04/03

Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 10/30/03
Date Spill Entered In Computer Data File: 08/26/86
Remediation Phase: 0
Program Number: 8806479
Regional Use: Not reported
Material
Material ID : 454815
Site ID : 184062
Operable Unit : 01
Operable Unit ID : 923313
Material Code : 0008
Material Name : Diesel
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : G
Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

53-26 VAN DAM ST/QUEENS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100167602

Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 9413
Site ID : 184062
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Not reported

Remark: LEAK RATE INCONCLUSIVE. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

HIST LTANKS:

Spill Number: 8806479 Region of Spill: 2
Spill Date: 11/02/1988 19:00 Reported to Dept: 11/02/88 19:32
Water Affected: Not reported Spill Source: Gas Station
Resource Affected: Groundwater
Spill Cause: Tank Test Failure
Facility Contact: Not reported Facility Tele: () -
Investigator: SULLIVAN SWIS: 63
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: JOHN'S SERVICE STATION
Spiller Address: 53-26 VAN DAM STREET
LONG ISLAND CITY, NY
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /

Spill Notifier: Tank Tester

PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Date: / /

Enforcement Date: / /

Investigation Complete: / /

UST Involvement: True

Spill Record Last Update: 07/03/95

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 08/26/86

Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

53-26 VAN DAM ST/QUEENS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100167602

Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
DEC Remarks: Not reported
Spill Cause: LEAK RATE INCONCLUSIVE.

R82
SSE
1/4-1/2
2359 ft.

GETTY TERMINALS CORPORATION
30-23 GREENPOINT AVE.
LONG ISLAND CITY, NY 11101

RCRA-SQG 1000211480
FINDS NYD089802995
MOSF UST
NY MANIFEST
MOSF AST
NJ MANIFEST

Site 1 of 5 in cluster R

Relative:
Higher

Actual:
10 ft.

RCRAInfo:
Owner: Not reported
EPA ID: NYD089802995
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

MOSF UST:			
Facility ID:	2-1840	Facility Status:	ACTIVE FACILITY
SWIS Code:	63	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL J. STENDARDI	Contact Phone:	(718) 729-6500
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000	Owner Type:	UNDEFINED
Mail To:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753 ATTN: MR. PAUL J. STENARDI (718) 729-6500		
Owner Status:	1	COI Date:	/ /
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Filed:	06/71	CBS Number:	Not reported
Emerg Contact:	PAUL J. STENDARDI, (201) 440-2684		
SPDES Num:	0-028452	Total Capacity:	1441280
Total Tanks:	8		
Tank Status:	In Service	License Stat:	Issued
Status of Data:	Complete	Expiration Date:	03/31/2005
Avg Throughput:	225000		
License Issued:	04/01/2000	Tank ID:	5
Facility Type:	Storage Terminal	Capacity (Gal):	1080
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline	Tank Internal:	None
Applic Rcvd:	01/31/2000		
Tank Location:	Underground	Pipe Type:	STEEL/IRON
Install Date:	00/00	Dispenser:	Suction
Product:	Nos. 1, 2, or 4 Fuel Oil		
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground		
Pipe Internal:	None		
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	Vent Whistle		
Test Date:	Not reported	Date Closed:	Not reported
Lat/Long:	40 44 02 / 73 56 27		
Inspected Date:	08/07/1996		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL J. STENDARDI
Prod Xfer Options:	ACD	Operator Name:	PAUL J. STENDARDI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1840	Facility Status:	ACTIVE FACILITY
SWIS Code:	63	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL J. STENDARDI	Contact Phone:	(718) 729-6500
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

Owner Tel:	(516) 338-6000	Owner Type:	UNDEFINED
Mail To:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753 ATTN: MR. PAUL J. STENARDI (718) 729-6500		
Owner Status:	1	COI Date:	/ /
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Filed:	06/71	CBS Number:	Not reported
Emerg Contact:	PAUL J. STENDARDI, (201) 440-2684		
SPDES Num:	0-028452	Total Capacity:	1441280
Total Tanks:	8		
Tank Status:	In Service		
Status of Data:	Complete	License Stat:	Issued
Avg Throughput:	225000	Expiration Date:	03/31/2005
License Issued:	04/01/2000		
Facility Type:	Storage Terminal	Tank ID:	6
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline	Capacity (Gal):	4000
Applic Rcvd:	01/31/2000	Tank Internal:	Epoxy Liner
Tank Location:	Underground		
Install Date:	00/78	Pipe Type:	STEEL/IRON
Product:	Diesel	Dispenser:	Suction
Tank Type:	Steel/carbon steel		
Tank External:	Sacrificial Anode		
Pipe Location:	Underground		
Pipe Internal:	None		
Pipe External:	Sacrificial Anode		
Second Contain:	None		
Leak Detection:	Electronic		
Overfill Protection:	High Level Alarm		
Test Date:	01/99	Date Closed:	Not reported
Lat/Long:	40 44 02 / 73 56 27		
Inspected Date:	08/07/1996		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL J. STENDARDI
Prod Xfer Options:	ACD	Operator Name:	PAUL J. STENDARDI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1840	Facility Status:	ACTIVE FACILITY
SWIS Code:	63	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL J. STENDARDI	Contact Phone:	(718) 729-6500
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000	Owner Type:	UNDEFINED
Mail To:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753 ATTN: MR. PAUL J. STENARDI (718) 729-6500		
Owner Status:	1	COI Date:	/ /
Legal Agent:	CT CORPORATION SYSTEM		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

	1633 BROADWAY NEW YORK, NY 10019		
Date Filed:	06/71	CBS Number:	Not reported
Emerg Contact:	PAUL J. STENDARDI, (201) 440-2684		
SPDES Num:	0-028452		
Total Tanks:	8	Total Capacity:	1441280
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	225000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applc Rcvd:	01/31/2000	Tank ID:	7
Tank Location:	Underground		
Install Date:	00/78	Capacity (Gal):	4000
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	Sacrificial Anode		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Sacrificial Anode		
Second Contain:	None		
Leak Detection:	Electronic		
Overfill Protection:	High Level Alarm		
Test Date:	01/99	Date Closed:	Not reported
Lat/Long:	40 44 02 / 73 56 27		
Inspected Date:	08/07/1996		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL J. STENDARDI
Prod Xfer Options:	ACD	Operator Name:	PAUL J. STENDARDI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1840	Facility Status:	ACTIVE FACILITY
SWIS Code:	63	Facility Town:	NEW YORK CITY
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL J. STENDARDI	Contact Phone:	(718) 729-6500
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000	Owner Type:	UNDEFINED
Mail To:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753 ATTN: MR. PAUL J. STENARDI (718) 729-6500		
Owner Status:	1	COI Date:	/ /
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Filed:	06/71	CBS Number:	Not reported
Emerg Contact:	PAUL J. STENDARDI, (201) 440-2684		
SPDES Num:	0-028452		
Total Tanks:	8	Total Capacity:	1441280
Tank Status:	In Service		
Status of Data:	Complete		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

1000211480

Avg Throughput:	225000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	01/31/2000	Tank ID:	9
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	2500
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	Vent Whistle		
Test Date:	Not reported	Date Closed:	Not reported
Lat/Long:	40 44 02 / 73 56 27		
Inspected Date:	08/07/1996		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL J. STENDARDI
Prod Xfer Options:	ACD	Operator Name:	PAUL J. STENDARDI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
MOSF AST:			
MOSF Number:	2-1840	Telephone:	(718) 729-6500
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	1
Total Tanks:	8	Daily Throughput	225000 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/73	Total Capacity:	1441280
Tank Type:	Steel/carbon steel		
Tank External:	Other		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	300049
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	None		
Second Contain:	Concrete Dike		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	10/99	Date Closed:	Not reported
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GETTY TERMINALS CORPORATION (Continued)

1000211480

Mailing Contact:	MR. PAUL J. STENARDI	
Mailing Phone:	(718) 729-6500	
Pipe Flag:	True	
Reserve Flag:	True	
Legal Agent:	CT CORPORATION SYSTEM	
	1633 BROADWAY	
	NEW YORK, NY 10019	
Date Legal Agent Filed with Secretary of State:	06/71	
Name of Emergency Contact:	PAUL J. STENDARDI	
Emergency Contact Telephone:	(201) 440-2684	
Chemical Bulk Storage Number:	Not reported	
Pollution Discharge Elimination System Num:	0-028452	
License Status:	License Issued	
Date License Application Received:	01/31/2000	
Date License Issued:	04/01/2000	
Product Transfer Operation:	Tank Truck	
	Vessel/Barge (Including off-shore platform)	
	Pipeline	
Operator Name:	PAUL J. STENDARDI	
Lat/Long:	40 44 02 / 73 56 27	
Vessel ID:	Not reported	
Inspected State:	Not reported	
Inspected Date:	08/07/1996	
Owner Status:	1	
Owner Mark:	1	
LIC Expires:	03/31/2005	
Renew Date:	11/16/1999	
Inspector Initials:	AS	
COI Date:	/ /	
MOSF Number:	2-1840	Telephone: (718) 729-6500
Federal ID:	Not reported	
Facility Type:	Storage Terminal	
Facility Status:	ACTIVE FACILITY	
Tank Status:	In Service	
Owner:	GETTY TERMINALS CORP.	
	125 JERICHO TPKE.	
	JERICHO, NY 11753	
Owner Tel:	(516) 338-6000	
Owner Type:	Corporate/Commercial	
Tank Status:	In Service	Tank ID: 2
Total Tanks:	8	Daily Throughput 225000 Gal(s)
Tank Location:	Aboveground	
Install Date:	01/73	Total Capacity: 1441280
Tank Type:	Steel/carbon steel	
Tank External:	Other	
Tank Internal:	None	
Product:	Unleaded Gasoline	Capacity (gal): 302008
Status of Data:	Complete	
Pipe Location:	Aboveground	Pipe Type: STEEL/IRON
Pipe Internal:	None	Dispenser: Gravity
Pipe External:	None	
Second Contain:	Concrete Dike	
Leak Detection:	None	
Overfill Protection:	High Level Alarm	
Test Date:	07/90	Date Closed: Not reported
Dispensing Mthd:	Gravity	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Mailing Contact:	MR. PAUL J. STENARDI		
Mailing Phone:	(718) 729-6500		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Legal Agent Filed with Secretary of State:	06/71		
Name of Emergency Contact:	PAUL J. STENDARDI		
Emergency Contact Telephone:	(201) 440-2684		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	0-028452		
License Status:	License Issued		
Date License Application Received:	01/31/2000		
Date License Issued:	04/01/2000		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	PAUL J. STENDARDI		
Lat/Long:	40 44 02 / 73 56 27		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	08/07/1996		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2005		
Renew Date:	11/16/1999		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1840	Telephone:	(718) 729-6500
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	3
Total Tanks:	8	Daily Throughput	225000 Gal(s)
Tank Location:	Aboveground	Total Capacity:	1441280
Install Date:	01/73	Capacity (gal):	300667
Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank External:	None	Dispenser:	Gravity
Tank Internal:	None		
Product:	Unleaded Gasoline		
Status of Data:	Complete		
Pipe Location:	Aboveground		
Pipe Internal:	None		
Pipe External:	None		
Second Contain:	Concrete Dike		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	05/90	Date Closed:	Not reported
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Mailing Contact:	MR. PAUL J. STENDARDI		
Mailing Phone:	(718) 729-6500		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Legal Agent Filed with Secretary of State:	06/71		
Name of Emergency Contact:	PAUL J. STENDARDI		
Emergency Contact Telephone:	(201) 440-2684		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	0-028452		
License Status:	License Issued		
Date License Application Received:	01/31/2000		
Date License Issued:	04/01/2000		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	PAUL J. STENDARDI		
Lat/Long:	40 44 02 / 73 56 27		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	08/07/1996		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2005		
Renew Date:	11/16/1999		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1840	Telephone:	(718) 729-6500
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Owner Tel:	(516) 338-6000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	4
Total Tanks:	8	Daily Throughput	225000 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/78	Total Capacity:	1441280
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	526976
Status of Data:	Complete		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	None		
Second Contain:	Concrete Dike		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/99	Date Closed:	Not reported
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	GETTY TERMINALS CORP. 125 JERICHO TPKE. JERICHO, NY 11753		
Mailing Contact:	MR. PAUL J. STENDARDI		
Mailing Phone:	(718) 729-6500		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Legal Agent Filed with Secretary of State:	06/71		
Name of Emergency Contact:	PAUL J. STENDARDI		
Emergency Contact Telephone:	(201) 440-2684		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	0-028452		
License Status:	License Issued		
Date License Application Received:	01/31/2000		
Date License Issued:	04/01/2000		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	PAUL J. STENDARDI		
Lat/Long:	40 44 02 / 73 56 27		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	08/07/1996		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2005		
Renew Date:	11/16/1999		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1840	Telephone:	(718) 729-6500
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	GETTY TERMINALS CORP. 125 JERICHO TPKE. JERICHO, NY 11753		
Owner Tel:	(516) 338-6000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	8
Total Tanks:	8	Daily Throughput	225000 Gal(s)
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	09/94	Total Capacity:	1441280
Tank Type:	Steel/carbon steel		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

Tank External:	None		
Tank Internal:	None		
Product:	Other	Capacity (gal):	8000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Concrete Dike		
Leak Detection:	None		
Overfill Protection:	23		
Test Date:	09/94	Date Closed:	09/94
Dispensing Mthd:	Suction		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	GETTY TERMINALS CORP. 125 JERICO TPKE. JERICO, NY 11753		
Mailing Contact:	MR. PAUL J. STENARDI		
Mailing Phone:	(718) 729-6500		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	CT CORPORATION SYSTEM 1633 BROADWAY NEW YORK, NY 10019		
Date Legal Agent Filed with Secretary of State:	06/71		
Name of Emergency Contact:	PAUL J. STENDARDI		
Emergency Contact Telephone:	(201) 440-2684		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	0-028452		
License Status:	License Issued		
Date License Application Received:	01/31/2000		
Date License Issued:	04/01/2000		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	PAUL J. STENDARDI		
Lat/Long:	40 44 02 / 73 56 27		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	08/07/1996		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2005		
Renew Date:	11/16/1999		
Inspector Initials:	AS		
COI Date:	/ /		

NY MANIFEST:

Document ID:	NJA0238116
Manifest Status:	C
Trans1 State ID:	NJDEPS-19
Trans2 State ID:	Not reported
Generator Ship Date:	861017
Trans1 Recv Date:	861017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861017
Part A Recv Date:	861028
Part B Recv Date:	861106
Generator EPA ID:	NYD089802995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINALS CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000211480

Trans1 EPA ID: NJD980772768
Trans2 EPA ID: Not reported
TSDF ID: NJD002385730
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01363
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86
Facility Type: Both Generator and TSD
EPA ID: NYD089802995
Facility Name: GETTY
Facility Address: 30-23 GREEN POINT AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: 2009
Country: Not reported
County: QUEENS
Mailing Name: POWER TEST CORPORATION (PTC)
Mailing Contact: RICHARD S LEE
Mailing Address: 30-23 GREENPOINT AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: 2009
Mailing Country: USA
Mailing Phone: 516-576-9500
Mailing Name: GETTY
Mailing Contact: RICHARD LEE
Mailing Address: 30-23 GREEN POINT AVE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: 2009
Mailing Country: USA
Mailing Phone: 516-576-9500

[Click this hyperlink](#) while viewing on your computer to access
14 additional NY MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

Manifest Code: NJA5077067
EPA ID: NYD089802995
Date Shipped: 20040512
TSDF EPA ID: NJD002200046
TSDF Received Date: 040512
Transporter EPA ID: NJ0000027193
Transporter Received Date: 040512
Waste Code: D018
Quantity Shipped: 980.00000
Unit of Measure: P
Method Code: S01

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R83
SSE
1/4-1/2
2359 ft.

GETTY PETROLEUM TERMINAL
3023 GREENPOINT AV
LONG ISLAND CITY, NY

LTANKS
HIST LTANKS

S105230523
N/A

Site 2 of 5 in cluster R

Relative:
Higher

LTANKS:

Actual:
10 ft.

Spill Number:	0109013	Region of Spill:	2
Facility ID:	0109013	DER Facility ID:	132423
Site ID:	156472	CID:	07
Spill Date:	12/11/01	Reported to Dept:	12/11/01
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	MAJOR FACILITY > 400,000 GAL
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	Not reported
Investigator:	EXROSSAN	SWIS:	4101
Caller Name:	DAVE MOORE	Caller Agency:	GETTY PETROLEUM
Caller Phone:	(718) 729-6500	Caller Extension:	275
Notifier Name:	DRIVER	Notifier Agency:	GETTY PETROLEUM
Notifier Phone:	(718) 729-6500	Notifier Extension:	276
Spiller Contact:	DAVE MOORE	Spiller Phone:	(718) 729-6500 Ext. 275
Spiller:	Not reported		
Spiller Company:	PETROLEUM ASSETS		
Spiller Address:	ZZ		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 12/11/01

Spill Notifier: AFFECTED PERSONS

Cleanup Ceased: / /

Last Inspection: 12/11/01

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 12/04/03

Date Spill Entered In Computer Data File: 12/11/01

Remediation Phase: 0

Program Number: 0109013

Regional Use: Not reported

Material

Material ID : 530218

Site ID : 156472

Operable Unit : 01

Operable Unit ID : 847331

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY PETROLEUM TERMINAL (Continued)

S105230523

Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530219
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0002
Material Name : #4 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530220
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0003
Material Name : #6 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530222
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY PETROLEUM TERMINAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105230523

Material Code : 0004B
Material Name : BLACKTOP
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530223
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0005A
Material Name : AUTO WASTE FLUIDS
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530224
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0006
Material Name : CRUDE OIL
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY PETROLEUM TERMINAL (Continued)

S105230523

Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530225
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0007A
Material Name : CUTTING OIL
Case No. : Not reported
Material FA : Other
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Material ID : 530226
Site ID : 156472
Operable Unit : 01
Operable Unit ID : 847331
Material Code : 0008
Material Name : Diesel
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY PETROLEUM TERMINAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105230523

Oxygenate : False

Material ID : 530227

Site ID : 156472

Operable Unit : 01

Operable Unit ID : 847331

Material Code : 0009

Material Name : Gasoline

Case No. : Not reported

Material FA : Petroleum

Quantity : 12.00

Units : G

Recovered : 12

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Material ID : 530228

Site ID : 156472

Operable Unit : 01

Operable Unit ID : 847331

Material Code : 0541A

Material Name : DIELECTRIC FLUID

Case No. : Not reported

Material FA : Petroleum

Quantity : 0.00

Units : G

Recovered : No

Resource Affected - Soil : Yes

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : No

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Tank Test

Spill Tank Test : Not reported

Site ID : Not reported

Tank Number : Not reported

Tank Size : Not reported

Test Method : Not reported

Leak Rate : Not reported

Gross Fail : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY PETROLEUM TERMINAL (Continued)

S105230523

Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"ROSSAN" RECEIVED CALL FROM SPILL HOTLINE ON 12/11/2001 AT 02:46. CALLED
GETTY PETROLEUM IMMEDIATELY. NO ONE ANSWER THE PHONE. LEFT MESSAGE ON
ANSWERING MACHINE; COULD NO DETERMINE A
MOUNT OF GASOLENE SPILLED. SO; I VISITED SITE AT 03:49 HRS. SPOKE TO
DAVE MOORE.WHO INSPECTED SPILL WITH ME. ALL PRODUCT WAS CONTAINED AND
SOME DID ENTER THE CONTAINMENT (COLLECTION) DRAIN. MR. JAMES
GERACI-TERMINAL MANAGER; CALLED ON 12/11/
01 AT 10:06 TO CONFIRM THAT ALL OF THE 12 GALS. SPILLED WAS CLEANED OFF
THE CONCRETE CONTAINMENT DRAIN.
Remark: A DRIVER LOADING HIS DELIVERY VEHICLE WHEN GAS SPILLED TO THE GROUND AND
INTO A CONTAINMENT AREA - ALL PRODUCT WAS CONTAINED AND SOME DID ENTER
THE CONTAINMENT DRAIN.MR. JAMER GERACI-TERMINAL MANAGER CALLED TO
CONFIRM HOW MUCH OIL WAS SPILLED.-12 GA
LS.

HIST LTANKS:

Spill Number: 0109013 Region of Spill: 2
Spill Date: 12/11/2001 02:15 Reported to Dept: 12/11/01 02:40
Water Affected: Not reported Spill Source: Major Facility 400,000 gallons
Resource Affectd: On Land
Spill Cause: Tank Overfill
Facility Contact: Not reported Facility Tele: () -
Investigator: ROSSAN SWIS: 63
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
Spiller Contact: DAVE MOORE Spiller Phone: (718) 729-6500 Ext. 275
Spiller: PETROLEUM ASSETS
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/11/01
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: 12/11/01
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 12/11/01
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/11/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY PETROLEUM TERMINAL (Continued)

S105230523

DEC Remarks: RECEIVED CALL FROM SPILL HOTLINE ON 12/11/2001 AT 02:46. CALLED GETTY PETROLEUM IMMEDIATELY. NO ONE ANSWER THE PHONE. LEFT MESSAGE ON ANSWERING MACHINE; COULD NO DETERMINE AMOUNT OF GASOLINE SPILLED. SO; I VISITED SITE AT 03:49 HRS. SPOKE TO DAVE MOORE.WHO INSPECTED SPILL WITH ME. ALL PRODUCT WAS CONTAINED AND SOME DID ENTER THE CONTAINMENT COLLECTION) DRAIN. MR. JAMES GERACI-TERMINAL MANAGER; CALLED ON 12/11/01 AT 10:06 TO CONFIRM THAT ALL OF THE 12 GALS. SPILLED WAS CLEANED OFF THE CONCRETECONTAINMENT DRAIN. ED. ROSSAN

Spill Cause: A DRIVER LOADING HIS DELIVERY VEHICLE WHEN GAS SPILLED TO THE GROUND AND INTO A CONTAINMENT AREA - ALL PRODUCT WAS CONTAINED AND SOME DID ENTER THE CONTAINMENT DRAIN.MR. JAMES GERACI-TERMINAL MANAGER CALLED TO CONFIRM HOW MUCH OIL WAS SPILLED.-12 GALS.

[Click this hyperlink](#) while viewing on your computer to access additional HIST LTANKS detail in the EDR Site Report.

**R84
SSE
1/4-1/2
2359 ft.**

**GETTY TERMINAL
30-23 GREENPOINT AVE
LONG ISLAND CITY, NY**

**LTANKS
NY Spills
NY Hist Spills S104953029
N/A**

Site 3 of 5 in cluster R

**Relative:
Higher**

SPILLS:

**Actual:
10 ft.**

DER Facility ID : 170120
Site ID : 204653
Spill Number: 0330045
Investigator: TJDEMEO
Caller Name: JAMES GERACI
Caller Phone: (718) 729-6500
Notifier Name: SAME
Notifier Phone: Not reported
Spill Date: 10/08/03
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 0330045
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported
Contact Name: JAMES GERACI
Spill Notifier: AFFECTED PERSONS
Spiller: Not reported
Spiller Company : MODEL PETROLEUM TRANSPORT
Spiller Address: 150 DANKER ST
BROOKLYN, NY
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

CID : 07
Region of Spill: 2
SWIS: 4101
Caller Agency: GETTY PETROLEUM
Caller Extension: 270
Notifier Agency: Not reported
Notifier Extension: Not reported
Reported to Dept: 10/08/03

DEC Region : 2

Spill Source: MAJOR FACILITY > 400,000 GAL
Facility Tele: (718) 729-6500

Spill Closed Dt: 10/16/03
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Regional Use: Not reported
Spill Record Last Update: 10/16/03
Date Spill Entered In Computer Data File: 10/08/03
Material
Material ID : 496545
Site ID : 204653

Cleanup Meets Std:False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY TERMINAL (Continued)

S104953029

Operable Unit : 01
Operable Unit ID : 880611
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 10.00
Units : G
Recovered : 10
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "DEMEO" 10/16/03 TJD Spill impacted asphalt at terminal. Product not cleaned from surface entered yard drains and was conveyed to oil/water separator during dry weather. Oil/water separator pumped and cleaned on 10/7. No further action required.

Remark: HOSE ON TANKER TRUCK FAILED CAUSED RELEASE ONTO PAVEMENT. ALL PRODUCT ENTERED ON SITE TREATMENT DEVICE (OIL WATER SEPARATOR). Tyre environmental responded and pumped separator. All product recovered. This is the most recent NY SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

HIST SPILLS:

Spill Number:	0012556	Region of Spill:	2
Investigator:	ROMMEL	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	02/23/2001 16:15	Reported to Dept:	02/23/01 16:17
Spill Cause:	Human Error	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	NICHOL KING	Facility Tele:	(718) 729-6500
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spiller Contact:	NICHOL KING	Spiller Phone:	(718) 729-6500
Spiller:	GETTY TERMINAL		
Spiller Address:	30-23 GREENPOINT AVE LONG ISLAND CITY		

DEC Remarks : Not reported

Remark: HOSE TO THE DELIVERY TRUCK WAS NOT CLOSED ALL THE WAY CAUSING SPILL WHICH 2 GALLONS HAS BEEN RECOVERED AND WILL BE RETURNED TO STORAGE-THE OTHER TWO WENT IN TO A DRAIN WHERE THERE IS A SEPARATER SYSTEM AND HOLDING TANK.

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Material:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY TERMINAL (Continued)

S104953029

Material Class Type: 1
Quantity Spilled: 4
Units: Gallons
Unknown Qty Spilled: 4
Quantity Recovered: 2
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329

Spill Closed Dt: / /

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

Spiller Cleanup Dt: / /

Invstgn Complete: / /

Spill Record Last Update: 02/26/01

Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 02/23/01

Date Region Sent Summary to Central Office: / /

Cleanup Meets Std: False

Enforcement Date: / /

UST Involvement: False

LTANKS:

Spill Number: 0302104

Facility ID: 0302104

Site ID: 204650

Spill Date: 05/29/03

Referred To: Not reported

Water Affected: Not reported

Spill Cause: TANK OVERFILL

Facility Address 2: Not reported

Investigator: JMROMMEL

Caller Name: JAMES GERACI

Caller Phone: (718) 729-6500

Notifier Name: Not reported

Notifier Phone: Not reported

Spiller Contact: JAMES GERACI

Spiller: SHAMONE SIMON

Spiller Company: DYAM

Spiller Address: 1919 EAST 7TH ST
BROOKLYN, NY 11223

Spiller County: 001

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 05/29/03

Spill Notifier: AFFECTED PERSONS

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 05/29/03

Date Spill Entered In Computer Data File: 05/29/03

Remediation Phase: 0

Program Number: 0302104

Regional Use: Not reported

Material

Region of Spill: 2

DER Facility ID: 170120

CID: 07

Reported to Dept: 05/29/03

DEC Region: 2

Spill Source: COMMERCIAL/INDUSTRIAL

Facility Tele: (917) 417-3977

SWIS: 4101

Caller Agency: GETTY PETROLEUM

Caller Extension: 270

Notifier Agency: Not reported

Notifier Extension: Not reported

Spiller Phone: (718) 729-6500

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GETTY TERMINAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104953029

Material ID : 506586
Site ID : 204650
Operable Unit : 01
Operable Unit ID : 870007
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 15.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL" Sangesland DDO Closure as per Rommel direction
Remark: overfill of tank - caused material to spill to ground (concrete) pads and speedy dry put down and material all drummed - owner of the truck did not report it but terminal mgr decided to call and report the spill

Spill Number:	0330021	Region of Spill:	2
Facility ID:	0330021	DER Facility ID:	170120
Site ID:	204652	CID:	07
Spill Date:	07/21/03	Reported to Dept:	07/21/03
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	MAJOR FACILITY > 400,000 GAL
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(631) 893-0455
Investigator:	TJDEMEO	SWIS:	4101
Caller Name:	JAMES GERACI	Caller Agency:	GETTY PETROLEUM
Caller Phone:	(718) 729-6500	Caller Extension:	270
Notifier Name:	SAME	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	JAMES GERACI	Spiller Phone:	(718) 729-6500
Spiller:	STEVEN EASON		
Spiller Company:	PETROLEUM ASSETS		
Spiller Address:	305 UNION BLVD,		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GETTY TERMINAL (Continued)

S104953029

WEST ISLIP, NY 11795
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/30/03
Spill Notifier: AFFECTED PERSONS
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 10/30/03
Date Spill Entered In Computer Data File: 07/21/03
Remediation Phase: 0
Program Number: 0330021
Regional Use: Not reported
Material
Material ID : 562749
Site ID : 204652
Operable Unit : 01
Operable Unit ID : 880589
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 6.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
Tank Test
Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"DEMEO" 10/30/03 TJD spill summary and disposal documents submitted.
No further action required. Spill closed.
Remark: Driver for Petroleum Assets overfilled tanker causing discharge onto
ground surface impacting yard drain which feeds oil water separator.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R85
SSE
1/4-1/2
2359 ft.

30-23 GREENPOINT AVE
LONG ISLAND CITY, NY

LTANKS
NY Spills

S106385858
N/A

Relative:
Higher

Site 4 of 5 in cluster R

Actual:
10 ft.

SPILLS:

DER Facility ID : 272132
Site ID : 336798
Spill Number: 0411574
Investigator: JXZHAO
Caller Name: DAVID MOORE
Caller Phone: (718) 729-6500
Notifier Name: DAVID MOORE
Notifier Phone: (718) 729-6500
Spill Date: 01/28/05
Facility Address 2: Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : Not reported
Program Number : 0411574
Spill Cause: HUMAN ERROR
Water Affected: Not reported
Contact Name: DAVID MOORE
Spill Notifier: RESPONSIBLE PARTY
Spiller: DAVID MOORE
Spiller Company : GETTY
Spiller Address: ***Update***, ZZ
Spiller County : 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

CID : 444
Region of Spill: 2
SWIS: 4101
Caller Agency: GETTY
Caller Extension: Not reported
Notifier Agency: GETTY
Notifier Extension: Not reported
Reported to Dept: 01/28/05

DEC Region : 2

Spill Source: MAJOR FACILITY > 400,000 GAL
Facility Tele: (718) 729-6500

Spill Closed Dt: / /

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 11/09/05

Date Spill Entered In Computer Data File: 01/28/05

Material

Material ID : 578978
Site ID : 336798
Operable Unit : 01
Operable Unit ID : 1098799
Material Code : 0001
Material Name : #2 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : 2.00
Units : G
Recovered : 2
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S106385858

Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False
DEC Remarks : 1/31/05-Vought-Spoke to Ed Waldron (Tyree) and spill amount is 800-1000 gallons for a 1000 gallon fuel oil UST. Tank was removed and is in soil. Soil excavation is continuing. Waldron wanted to know when to stop digging. Vought instructed to dig to groundwater and arranged site visit for 2/3/05 at 10am. 11/8/2005 - Investigation plan was approved. Six GW monitoring wells were installed. Two wells have free product. Weekly pump out is performed by Tyree. Stipulation Agreement will be issued.

Remark: Not reported

LTANKS:

Spill Number:	0400450	Region of Spill:	2
Facility ID:	0400450	DER Facility ID:	170120
Site ID:	204654	CID:	07
Spill Date:	04/14/04	Reported to Dept:	04/14/04
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	GASOLINE STATION
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(718) 729-6500 Ext. 270
Investigator:	JBVOUGHT	SWIS:	4101
Caller Name:	JAMES GERACI\	Caller Agency:	GETTY TERMINALS CORP
Caller Phone:	(718) 729-6500	Caller Extension:	270
Notifier Name:	JAMES GERACI\	Notifier Agency:	GETTY TERMINALS CORP
Notifier Phone:	(718) 729-6500	Notifier Extension:	270
Spiller Contact:	JAMES GERACI	Spiller Phone:	(718) 729-6500 Ext. 270
Spiller:	JAMES GERACI		
Spiller Company:	Not reported		
Spiller Address:	30-23 GREENPOINT AVE LONG ISLAND, NY		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 08/16/04

Spill Notifier: OTHER

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: True

Spill Record Last Update: 08/16/04

Date Spill Entered In Computer Data File: 04/14/04

Remediation Phase: 0

Program Number: 0400450

Regional Use: Not reported

Material

Material ID : 491703

Site ID : 204654

Operable Unit : 01

Operable Unit ID : 884779

Material Code : 0009

Material Name : Gasoline

Case No. : Not reported

Material FA : Petroleum

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S106385858

Quantity : 0.00
Units : L
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "VOUGHT" 8/16/04-Vought-Spoke to James Geraci and sheen was present on sheen in separator after heavy rains. Separator was vaccumed out and spill pads used to clean up surface spill s. 625 gallons were pumped out.

Remark: they identified the spill because it showed up in there separator tank.they are trying to pick up the sheen on the water

R86 HUGO NEU SCHNITZER EAST QUEENS PLANT
SSE 30-27 GREENPOINT AVENUE
1/4-1/2 LONG ISLAND CITY, NY 11101
2359 ft.

SWRCY S106402506
N/A

Site 5 of 5 in cluster R

Relative:
Higher

NY SWRCY

Actual:
10 ft.

Permit #: None
Region: 2 Phone Number: 7187866031
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Email: Not reported Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Email: Not reported Contact Phone: Not reported
North Coordinate: 4509798 East Coordinate: 589598
Active: Yes
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:Registration Activity Number: 41MA6
Auth. Date: Not reported Expiration Date: Not reported
Flag: ACTIVE
Activity Desc: Source separated solid waste recyclables
Waste Types: Metals (Aluminum);Metals (Ferrous);Metals (Non-Ferrous);Paper (All Types);Plastics

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S87
NW
1/4-1/2
2365 ft.

C&H SAND AND STONE; CORP.
21-16 JACKSON AVENUE
LONG ISLAND CITY, NY 11101

SWF/LF

S105841940
N/A

Site 1 of 2 in cluster S

Relative:
Higher

LF:

Actual:
13 ft.

Secondary Addr : Not reported
Phone Number : 7189372979
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : HUGH FLAHERTY
Contact Address : 21-16 Jackson Avenue
Not reported
Long Island City, NY 11101
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 41W87
Active : No
North Coordinate :4510969
Regulatory Status Not reported
Waste Type : Not reported

Region Code : 2
Owner Name : Not reported

Owner Phone : 0

Contact Phone : 7189372979

Accuracy Code : Not reported
East Coordinate : 588784

Authorization # : None
Expiration Date : Not reported
Flag : INACTIVE

Authorization Date :Not reported

Secondary Addr : Not reported
Phone Number : 5165377525
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : JOHN CLAUSE
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 41W89
Active : No
North Coordinate :4510969
Regulatory Status Not reported
Waste Type : Not reported

Region Code : 2
Owner Name : Not reported

Owner Phone : 0

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 588784

Authorization # : None
Expiration Date : Not reported
Flag : INACTIVE

Authorization Date :Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
S88 NW 1/4-1/2 2365 ft.	UNITED WASTE REMOVAL, INC. 2116 JACKSON AVENUE LONG ISLAND CITY, NY 11101 Site 2 of 2 in cluster S Relative: Higher Actual: 13 ft.	SWF/LF	S105841795 N/A
	LF: Secondary Addr : Not reported Phone Number : 7187846611 Owner Type : Not reported Owner Address : Not reported Not reported 0 Owner Email : Not reported Contact Name : LIRR Contact Address : Not reported Not reported Not reported Contact Email : Not reported Activity Desc : Transfer station - regulated Activity Number : 41T67 Active : No North Coordinate : 0 Regulatory Status : Not reported Waste Type : Not reported Authorization # : None Expiration Date : Not reported Flag : INACTIVE	Region Code : 2 Owner Name : Not reported Owner Phone : 0 Contact Phone : Not reported Accuracy Code : Not reported East Coordinate : 0 Authorization Date : Not reported	
89 South 1/4-1/2 2402 ft.	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 Relative: Higher Actual: 8 ft.	MOSF UST MOSF AST	S102633621 N/A
	MOSF UST: Facility ID: 2-1380 SWIS Code: 61 Tank Status: In Service Operator: PAUL PULLO Owner: METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 (718) 389-7772 Owner Tel: (718) 389-7772 Mail To: METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800 Owner Status: 1 Legal Agent: SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211 Date Filed: 06/86 Emerg Contact: PAUL PULLO, (718) 383-1400 SPDES Num: 0-007676 Total Tanks: 32 Tank Status: In Service Status of Data: Complete Avg Throughput: 200000 License Issued: 04/01/1999	Facility Status: ACTIVE FACILITY Facility Town: GREENPOINT Federal Id No: Not reported Contact Phone: (718) 389-7772 Owner Type: UNDEFINED COI Date: / / CBS Number: Not reported Total Capacity: 4608401 License Stat: Issued Expiration Date: 03/31/2004	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	3
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	814000
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/87	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	1C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

S102633621

Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	1D
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Inspected Date: 10/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: ACD
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Operator Name: PAUL PULLO
Operator Name: PAUL PULLO
License Issued: 04/01/1999
Renew Date: 12/11/1998
Renew Flag: True

Facility ID: 2-1380
SWIS Code: 61
Tank Status: In Service
Operator: PAUL PULLO
Owner: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222

Facility Status: ACTIVE FACILITY
Facility Town: GREENPOINT
Federal Id No: Not reported
Contact Phone: (718) 389-7772

Owner Tel: (718) 389-7772
Mail To: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222
ATTN: PAUL PULLO
(718) 389-5800

Owner Type: UNDEFINED

Owner Status: 1
Legal Agent: SANTO D. SGARLATTO
332A 9TH STREET
BROOKLYN, NY 11211

COI Date: / /

Date Filed: 06/86
Emerg Contact: PAUL PULLO, (718) 383-1400
SPDES Num: 0-007676

CBS Number: Not reported

Total Tanks: 32
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 200000
License Issued: 04/01/1999
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge, Pipeline
Applic Rcvd: 02/24/1999
Tank Location: Underground
Install Date: 00/00
Product: Diesel
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Underground
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: High Level Alarm
Test Date: 12/93
Lat/Long: 40|44|10 / 73|56|30
Inspected Date: 10/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: ACD
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Total Capacity: 4608401

License Stat: Issued
Expiration Date: 03/31/2004

Tank ID: 2C

Capacity (Gal): 550
Tank Internal: None

Pipe Type: STEEL/IRON
Dispenser: Suction

Date Closed: Not reported

Operator Name: PAUL PULLO
Operator Name: PAUL PULLO
License Issued: 04/01/1999
Renew Date: 12/11/1998
Renew Flag: True

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	2D
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	3C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

	332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applc Rcvd:	02/24/1999	Tank ID:	4C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

S102633621

Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	5C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Unleaded Gasoline	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	6C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Unleaded Gasoline	Tank Internal:	None

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Tank Type:	Steel/carbon steel	Pipe Type:	STEEL/IRON
Tank External:	None	Dispenser:	Suction
Pipe Location:	Underground		
Pipe Internal:	None		
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	9A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18668
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Test Date: 12/92
Lat/Long: 40|44|10 / 73|56|30
Inspected Date: 10/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: ACD
Inspector Status: Not reported
Vessel Id: Not reported
Pipe Flag: True

Date Closed: Not reported

Operator Name: PAUL PULLO
Operator Name: PAUL PULLO
License Issued: 04/01/1999
Renew Date: 12/11/1998
Renew Flag: True

Facility ID: 2-1380
SWIS Code: 61
Tank Status: In Service
Operator: PAUL PULLO
Owner: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222

Facility Status: ACTIVE FACILITY
Facility Town: GREENPOINT
Federal Id No: Not reported
Contact Phone: (718) 389-7772

Owner Tel: (718) 389-7772
Mail To: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222
ATTN: PAUL PULLO
(718) 389-5800

Owner Type: UNDEFINED

Owner Status: 1
Legal Agent: SANTO D. SGARLATTO
332A 9TH STREET
BROOKLYN, NY 11211

COI Date: / /

Date Filed: 06/86
Emerg Contact: PAUL PULLO, (718) 383-1400
SPDES Num: 0-007676
Total Tanks: 32
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 200000
License Issued: 04/01/1999
Facility Type: Storage Terminal
Transfer Operation: Tank Truck, Vessel/Barge, Pipeline
Applic Rcvd: 02/24/1999
Tank Location: Underground
Install Date: 00/00
Product: Diesel
Tank Type: Steel/carbon steel
Tank External: None
Pipe Location: Aboveground/Underground Combination
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: High Level Alarm
Test Date: 12/92
Lat/Long: 40|44|10 / 73|56|30
Inspected Date: 10/29/1997
Inspector Initials: AS
Owner Mark: 1
Prod Xfer Options: ACD
Inspector Status: Not reported
Vessel Id: Not reported

CBS Number: Not reported

Total Capacity: 4608401

License Stat: Issued
Expiration Date: 03/31/2004

Tank ID: 10A

Capacity (Gal): 18772
Tank Internal: Epoxy Liner

Pipe Type: STEEL/IRON
Dispenser: Suction

Date Closed: Not reported

Operator Name: PAUL PULLO
Operator Name: PAUL PULLO
License Issued: 04/01/1999
Renew Date: 12/11/1998

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	11A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18668
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Owner Tel:	BROOKLYN, NY 11222	Owner Type:	UNDEFINED
Mail To:	(718) 389-7772		
	METRO TERMINALS CORP.		
	498 KINGSLAND AVENUE		
	BROOKLYN, NY 11222		
	ATTN: PAUL PULLO		
	(718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO		
	332A 9TH STREET		
	BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	12A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18772
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP.		
	498 KINGSLAND AVENUE		
	BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP.		
	498 KINGSLAND AVENUE		
	BROOKLYN, NY 11222		
	ATTN: PAUL PULLO		
	(718) 389-5800		
Owner Status:	1	COI Date:	/ /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	13A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18772
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

S102633621

Status of Data:	Complete	License Stat:	Issued
Avg Throughput:	200000	Expiration Date:	03/31/2004
License Issued:	04/01/1999		
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	14A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18719
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	15A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18722

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	16A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18722
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Overfill Protection:	High Level Alarm	Date Closed:	Not reported
Test Date:	12/92		
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	17A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18719
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

S102633621

Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	Owner Type:	UNDEFINED
Owner Tel:	(718) 389-7772		
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete	License Stat:	Issued
Avg Throughput:	200000	Expiration Date:	03/31/2004
License Issued:	04/01/1999		
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline	Tank ID:	18A
Applc Rcvd:	02/24/1999	Capacity (Gal):	18782
Tank Location:	Underground	Tank Internal:	Epoxy Liner
Install Date:	00/00		
Product:	Diesel	Pipe Type:	STEEL/IRON
Tank Type:	Steel/carbon steel	Dispenser:	Suction
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination		
Pipe Internal:	None		
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40 44 10 / 73 56 30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
MOSF AST:		Telephone:	(718) 389-7772
MOSF Number:	2-1380		
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	4
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	Not reported	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	420000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	85		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	06/92	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Legal Agent Filed with Secretary of State:	06/86		
Name of Emergency Contact:	PAUL PULLO		
Emergency Contact Telephone:	(718) 383-1400		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	0-007676		
License Status:	License Issued		
Date License Application Received:	02/24/1999		
Date License Issued:	04/01/1999		
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline		
Operator Name:	PAUL PULLO		
Lat/Long:	40 44 10 / 73 56 30		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	10/29/1997		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2004		
Renew Date:	12/11/1998		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1380	Telephone:	(718) 389-7772

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Federal ID:	Not reported	
Facility Type:	Storage Terminal	
Facility Status:	ACTIVE FACILITY	
Tank Status:	In Service	
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Owner Tel:	(718) 389-7772	
Owner Type:	Corporate/Commercial	
Tank Status:	In Service	Tank ID: 5
Total Tanks:	32	Daily Throughput 200000 Gal(s)
Tank Location:	Aboveground	
Install Date:	Not reported	Total Capacity: 4608401
Tank Type:	Steel/carbon steel	
Tank External:	Painted/Asphalt Coating	
Tank Internal:	Epoxy Liner	
Product:	Diesel	Capacity (gal): 420000
Status of Data:	Complete	
Pipe Location:	Aboveground	Pipe Type: STEEL/IRON
Pipe Internal:	None	Dispenser: Suction
Pipe External:	Painted/Asphalt Coating	
Second Contain:	Concrete Dike	
Leak Detection:	None	
Overfill Protection:	High Level Alarm	
Test Date:	08/95	Date Closed: UNKWN
Dispensing Mthd:	Suction	
SWIS Code:	61	Facility Town: GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Mailing Contact:	PAUL PULLO	
Mailing Phone:	(718) 389-5800	
Pipe Flag:	True	
Reserve Flag:	True	
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211	
Date Legal Agent Filed with Secretary of State:	06/86	
Name of Emergency Contact:	PAUL PULLO	
Emergency Contact Telephone:	(718) 383-1400	
Chemical Bulk Storage Number:	Not reported	
Pollution Discharge Elimination System Num:	0-007676	
License Status:	License Issued	
Date License Application Received:	02/24/1999	
Date License Issued:	04/01/1999	
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline	
Operator Name:	PAUL PULLO	
Lat/Long:	40 44 10 / 73 56 30	
Vessel ID:	Not reported	
Inspected State:	Not reported	
Inspected Date:	10/29/1997	
Owner Status:	1	
Owner Mark:	1	
LIC Expires:	03/31/2004	
Renew Date:	12/11/1998	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Inspector Initials:	AS	
COI Date:	/ /	
MOSF Number:	2-1380	Telephone: (718) 389-7772
Federal ID:	Not reported	
Facility Type:	Storage Terminal	
Facility Status:	ACTIVE FACILITY	
Tank Status:	In Service	
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Owner Tel:	(718) 389-7772	
Owner Type:	Corporate/Commercial	
Tank Status:	In Service	Tank ID: 6
Total Tanks:	32	Daily Throughput 200000 Gal(s)
Tank Location:	Aboveground	
Install Date:	01/66	Total Capacity: 4608401
Tank Type:	Steel/carbon steel	
Tank External:	None	
Tank Internal:	None	
Product:	Nos. 1, 2, or 4 Fuel Oil	Capacity (gal): 1680000
Status of Data:	Complete	
Pipe Location:	Aboveground	Pipe Type: STEEL/IRON
Pipe Internal:	None	Dispenser: Suction
Pipe External:	None	
Second Contain:	75	
Leak Detection:	None	
Overfill Protection:	High Level Alarm	
Test Date:	07/95	Date Closed: Not reported
Dispensing Mthd:	Suction	
SWIS Code:	61	Facility Town: GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Mailing Contact:	PAUL PULLO	
Mailing Phone:	(718) 389-5800	
Pipe Flag:	True	
Reserve Flag:	True	
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211	
Date Legal Agent Filed with Secretary of State:	06/86	
Name of Emergency Contact:	PAUL PULLO	
Emergency Contact Telephone:	(718) 383-1400	
Chemical Bulk Storage Number:	Not reported	
Pollution Discharge Elimination System Num:	0-007676	
License Status:	License Issued	
Date License Application Received:	02/24/1999	
Date License Issued:	04/01/1999	
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline	
Operator Name:	PAUL PULLO	
Lat/Long:	40 44 10 / 73 56 30	
Vessel ID:	Not reported	
Inspected State:	Not reported	
Inspected Date:	10/29/1997	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Owner Status:	1	
Owner Mark:	1	
LIC Expires:	03/31/2004	
Renew Date:	12/11/1998	
Inspector Initials:	AS	
COI Date:	/ /	
MOSF Number:	2-1380	Telephone: (718) 389-7772
Federal ID:	Not reported	
Facility Type:	Storage Terminal	
Facility Status:	ACTIVE FACILITY	
Tank Status:	In Service	
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Owner Tel:	(718) 389-7772	
Owner Type:	Corporate/Commercial	
Tank Status:	In Service	Tank ID: 7
Total Tanks:	32	Daily Throughput 200000 Gal(s)
Tank Location:	Aboveground	
Install Date:	06/75	Total Capacity: 4608401
Tank Type:	Steel/carbon steel	
Tank External:	None	
Tank Internal:	None	
Product:	Unleaded Gasoline	Capacity (gal): 500000
Status of Data:	Complete	
Pipe Location:	Aboveground	Pipe Type: STEEL/IRON
Pipe Internal:	None	Dispenser: Suction
Pipe External:	None	
Second Contain:	75	
Leak Detection:	None	
Overfill Protection:	High Level Alarm	
Test Date:	09/92	Date Closed: Not reported
Dispensing Mthd:	Suction	
SWIS Code:	61	Facility Town: GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222	
Mailing Contact:	PAUL PULLO	
Mailing Phone:	(718) 389-5800	
Pipe Flag:	True	
Reserve Flag:	True	
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211	
Date Legal Agent Filed with Secretary of State:	06/86	
Name of Emergency Contact:	PAUL PULLO	
Emergency Contact Telephone:	(718) 383-1400	
Chemical Bulk Storage Number:	Not reported	
Pollution Discharge Elimination System Num:	0-007676	
License Status:	License Issued	
Date License Application Received:	02/24/1999	
Date License Issued:	04/01/1999	
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline	
Operator Name:	PAUL PULLO	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Lat/Long: 40|44|10 / 73|56|30
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 10/29/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2004
Renew Date: 12/11/1998
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1380
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222

Telephone: (718) 389-7772

Owner Tel: (718) 389-7772
Owner Type: Corporate/Commercial

Tank Status: In Service

Tank ID: 8
Daily Throughput 200000 Gal(s)

Total Tanks: 32

Tank Location: Aboveground

Total Capacity: 4608401

Install Date: 06/75

Tank Type: Steel/carbon steel

Tank External: None

Tank Internal: None

Product: Unleaded Gasoline

Capacity (gal): 500000

Status of Data: Complete

Pipe Location: Aboveground

Pipe Type: STEEL/IRON

Pipe Internal: None

Dispenser: Suction

Pipe External: None

Second Contain: 75

Leak Detection: None

Overfill Protection: High Level Alarm

Test Date: 09/92

Date Closed: Not reported

Dispensing Mthd: Suction

SWIS Code: 61

Facility Town: GREENPOINT

Mailing Name: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222

Mailing Contact: PAUL PULLO

Mailing Phone: (718) 389-5800

Pipe Flag: True

Reserve Flag: True

Legal Agent: SANTO D. SGARLATTO
332A 9TH STREET
BROOKLYN, NY 11211

Date Legal Agent Filed with Secretary of State: 06/86

Name of Emergency Contact: PAUL PULLO

Emergency Contact Telephone: (718) 383-1400

Chemical Bulk Storage Number: Not reported

Pollution Discharge Elimination System Num: 0-007676

License Status: License Issued

Date License Application Received: 02/24/1999

Date License Issued: 04/01/1999

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO TERMINALS CORP. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102633621

Product Transfer Operation:

Tank Truck
Vessel/Barge (Including off-shore platform)
Pipeline

Operator Name: PAUL PULLO
Lat/Long: 40|44|10 / 73|56|30
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 10/29/1997
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/2004
Renew Date: 12/11/1998
Inspector Initials: AS
COI Date: / /

[Click this hyperlink](#) while viewing on your computer to access
8 additional NY AST MOSF record(s) in the EDR Site Report.

**90
SSE
1/4-1/2
2492 ft.**

**LEXUS TRANSFER AND RECYCLING INC.
3200 RAILROAD AVENUE
LONG ISLAND CITY, NY 11101**

**SWF/LF S105841949
N/A**

**Relative:
Higher**

LF:

**Actual:
9 ft.**

Secondary Addr : Not reported
Phone Number : 7187842929
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : PETER EVANLELISTA
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 41W82
Active : No
North Coordinate :4509900
Regulatory Status Not reported
Waste Type : Not reported

Authorization # : None
Expiration Date : Not reported
Flag : INACTIVE

Region Code : 2
Owner Name : Not reported

Owner Phone : 0

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 589500

Authorization Date :Not reported

**T91
SSE
1/4-1/2
2570 ft.**

**NEW YORK PAVING,INC
37-18 RAILROAD AVENUE
LONG ISLAND CITY, NY 11101**

**SWF/LF U000412007
UST N/A
AST
NY Spills**

Site 1 of 2 in cluster T

**Relative:
Higher**

LF:

**Actual:
14 ft.**

Secondary Addr : Not reported
Phone Number : 7184820780
Owner Type : Private
Owner Address : 37-18 Railroad Avenue

Region Code : 2
Owner Name : New York Paving Co

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NEW YORK PAVING,INC (Continued)

U000412007

Not reported
Long Island City, NY 0
Owner Email : Not reported
Contact Name : BOB COLLETTI
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 41W41
Active : Yes
North Coordinate :4508600
Regulatory Status Permit
Waste Type : Not reported

Owner Phone : 0

Contact Phone : Not reported

Accuracy Code : 2.1 - NYSDEC 100 m grid collection
East Coordinate : 589900

Authorization # : 2-6101-00072
Expiration Date : Not reported
Flag : ACTIVE

Authorization Date :6/22/1990

SPILLS:

DER Facility ID : 67448
Site ID : 71242
Spill Number: 0211448
Investigator: JHOCONNE
Caller Name: ANDREW MORRIS
Caller Phone: (212) 580-6763
Notifier Name: MR REIDY
Notifier Phone: (212) 580-6765
Spill Date: 02/17/03
Facility Address 2:Not reported
Facility Type: ER
Referred To : Not reported
Remediation Phase : 0
Program Number : 0211448
Spill Cause: EQUIPMENT FAILURE
Water Affected: Not reported
Contact Name: CALLER
Spill Notifier: AFFECTED PERSONS
Spiller: CALLER
Spiller Company : CON ED
Spiller Address: 4 IRVING PLACE
MANHATTAN, NY 10003

CID : 12
Region of Spill: 2
SWIS: 4101
Caller Agency: CON EDISON
Caller Extension: Not reported
Notifier Agency: CON EDISON
Notifier Extension: Not reported
Reported to Dept: 02/17/03

DEC Region : 2

Spill Source: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
Facility Tele: Not reported

Spiller County : 001
Spill Class: Possible release with minimal potential for fire or hazard or Known
release with no damage. DEC Response. Willing Responsible Party.
Corrective action taken.

Spill Closed Dt: 04/03/03

Cleanup Ceased: / /

Last Inspection: / /

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 05/05/03

Date Spill Entered In Computer Data File: 02/17/03

Material

Material ID : 565746
Site ID : 71242
Operable Unit : 01

Cleanup Meets Std:False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NEW YORK PAVING,INC (Continued)

U000412007

Operable Unit ID : 862612
Material Code : 0020A
Material Name : TRANSFORMER OIL
Case No. : Not reported
Material FA : Petroleum
Quantity : 10.00
Units : G
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL" Con Ed e2mis #147212: 17-FEB-2003 1955 HRS BELLEW O/S REPORTS WAS CALLED TO LOCATION FOUND 8 GALLONS DIELECTRIC FLUID LEAKED FROM RUPTURED VS4545. FIRE DEPT CALLED IN TO CONTROL CENTER THAT A WIRE WAS BURNING. WHEN T BELLEW ARRIVED ON LOCATION HE SAW FIRE AND SMOKE. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED . IT IS ON PRIVATE PROPERTY. 5 FOOT ABOVE GROUND IN A INTERNAL VAULT (THE GETTY OIL REFINERY.) NO SUMP PUMP IN STRUCTURE. IT APPEARS TO BE CONTAINED TO AREA. THE HISTORICAL COUNT FOR VS 4545 IS 23PPM FROM 1994 . IT IS ON FEEDER 1Q17. THE FIRE IS OUT AT THIS TIME . FIRE DEPT PUT IT OUT WITH CO2 TO BRING THE TEMPURTURE DOWN THEN WITH DRY CHEMICALS EXTIN GUISHERS. FIRE IS NOW OUT . FIRE DEPT WAS ON LOCATION WITH RESPIRATORY PROTECTION ON. NO ONE ENTER THE ROOM EXCEPT FOR HAZMAT DIVISION OFFICER AND 3 FIRE FIGHTERS FROM FROM THE HAZ MAT TEAM. FIRE DEPT WILL BAG THEIR GEAR UNTIL ARRCURATE COUNT COMES BACK. HAZ MAT UNIT WOULD LIKE A FAXED COPY OF RESULTS SENT TO THEM AT HAZ MAT # 1 IN CARE OF NAPOLI. FAX # 212-860-9485 PHONE # IS 212-860-9230. EMAIL ADDRESS IS DAVOLIO2@AOL.COM . CIG MORRIS NOTIFIED @ 2014HRS. BECAUSE OF FIRE WILL TREAT AS OVER 50 0. PPM. EPA # IS NYP-004-107389. TANKER ORDERED. G JACOBI ENVIROMENTAL O/S NOTIFIED AND WILL SEND SPILL VAN AND ENVIROMENTAL OPS CREW TO LOCATION. CALLED GAGLIO ENVIROMENTAL SENIOR SPECIALIST. WAITING FOR CALL BACK. NOTIFIED ENVIROMENTAL MANAGER K B AROUCH @ 2045HRS. WILL CONTINUE UPDATING AS INFOMATION IS REPORTED. ENVIROMENTAL STOP TAG # 14843. FIRE DEPT LEFT LOCATION. UPDATE 17-FEB-2003 2120HRS T BELLEW REPORTS FIRE DID START TO BURN AGAIN AND HE SPRAYED DRY CHEM ON IT TO PUT IT BACK OUT . FIRE IS NOW OUT. UPDATE:17-FEB-2003 2310HRS. JAMES D'AVOLIO HAZ MAT REPORTS A NEW FAX NUMBER TO GIVE TO CIG. 718-446-8261. NOTIFIED MORRIS CIG OF THIS NEW #. HIS OFFICE # IS 718-476-6288. HE WOULD LIKE A COPY OF THE HISTORICAL AND THE NEW SAMP LE RESULTS WHEN THEY COME IN. Update : 0130 Hrs. Env. Ops crews set up Zones, cordoned off area around Internal Vault, Drummed any snow that may have been splashed with oil when the Vault door blew off, Placed Vault door next to Vault in Hot Zone and will determine cleanup standard for door after sample results are

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK PAVING,INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000412007

known. #9 Entered the Vault with an Air line respirator because the Transformer was still smoking. No oil was left inside the transformer to get a sample from, so one oil sample was taken from the floor next to the burnt transformer. This sample was turned into a split sample one for Con Ed, and the other was given to the DEP. The capacity of the transformer when full is about 50 gallons but only about 8 gallons was observed next to the unit on the floor inside the Vault. A Commissioner's order was given to remove the transformer and complete the cleanup within 24 hours. Will be following up with FOD and the Transformer group to expedite removal of all three units on feeder 1Q17 in this internal Vault. Crew on location to hold Zones and secure area until the AM when Units are removed and the cleanup can be completed. UPDATE 2-18-03 0549 HRS CHEM LAB # 03-01374-00 - 14 PPM. UPDATE 2-18-03 0850 HOURS, R. C OSENTINO REPORTS, AS REQUESTED BY THE FDNYC - MR. BERNAD PIERRE - ERT, WILL FAX NEW CHEM LAB RESULTS #03-01374-001 14 PPM, TO MR. NAPOLI OF THE FDNYC HAZ MAT #1. FAX NUMBER 212 860-9485. UPDATE: 2/18/03 - 1300 A. STUBBS - ENV. OPS., REPORTS STRUCTURE DOUBLE WASHED WITH BIO GEN 760. 1 DRUM NON HAZ OIL DEBRIS WAS GENERATED. REST OF DEBRIS WAS REMOVED BY VACTOR 60724. TAG REMAINS PENDING TRANSF REMOVAL. Update - 2/19/03 1915hrs J. Gaglio env. ops mgr reports at 1730hrs the last of the three single phase transformers was removed from the vault. AT 1912hrs the floor and the remainder of the area inside the vault was completely cleaned by env. ops. All the items listed on the commissioners order issued on 2/17/03 have been completed. J. Gaglio will call ERT to confirm this with them to pass info onto DEP. Update - 1930hrs - 2/19/03 R. Hutchinson OS env. ops reports after all 3 units were removed double washed all affected areas. Removed all sediment and oil absorbant floor with vactor and all oily solid debris was put into a drum and brought back to college point under 1 trip rule. Removed env. stop tag # 14843. As per FER J. Ciciliato the new units to be installed are not being installed in this cubicle. Job closed. Update - Cleanup was completed by double washing all structures involved with safety wash. Event involved material and event involved persons list updated.

Remark: fire and smoke involved. on private property no sewer or waterways

PBS UST:

PBS Number:	2-600286	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	NEW YORK PAVING (718) 482-0780		
Emergency Contact:	ANTHONY BARTONE (718) 482-0780		
Total Tanks:	3		
Owner:	NEW YORK PAVING,INC 37-18 RAILROAD AVENUE LONG ISLAND CITY, NY 11101 (718) 482-0780		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEW YORK PAVING,INC ATTN: BOB COLETTI 37-18 RAILROAD AVENUE		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK PAVING,INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000412007

	LONG ISLAND CITY, NY 11101		
	(718) 482-0780		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	11/01/1985
Tank Type:	Fiberglass coated steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/SACRIFICIAL ANODE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/28/2001
Old PBS Number:	Not reported	Expiration Date:	08/20/2006
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-600286	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	NEW YORK PAVING		
	(718) 482-0780		
Emergency Contact:	ANTHONY BARTONE		
	(718) 482-0780		
Total Tanks:	3		
Owner:	NEW YORK PAVING,INC		
	37-18 RAILROAD AVENUE		
	LONG ISLAND CITY, NY 11101		
	(718) 482-0780		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEW YORK PAVING,INC		
	ATTN: BOB COLETTI		
	37-18 RAILROAD AVENUE		
	LONG ISLAND CITY, NY 11101		
	(718) 482-0780		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	11/01/1985

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK PAVING,INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000412007

Tank Type:	Fiberglass coated steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/SACRIFICIAL ANODE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/28/2001
Old PBS Number:	Not reported	Expiration Date:	08/20/2006
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS AST:			
PBS Number:	2-600286	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	NEW YORK PAVING,INC 37-18 RAILROAD AVENUE LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 482-0780		
Facility Phone:	(718) 482-0780		
Operator:	NEW YORK PAVING		
Emergency Name:	ANTHONY BARTONE		
Emergency Phone:	(718) 482-0780		
Total Tanks:	3		
Total Capacity:	8275		
Tank ID:	003		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	05/01/2001		
Tank Internal:	NONE		
Tank External:	NONE		
Tank Containment:	IMPERVIOUS UNDERLAYMENT		
Pipe Type:	NONE		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEW YORK PAVING,INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000412007

Pipe Location: None
Pipe Internal: NONE
Pipe External: NONE
Leak Detection: NONE
Overfill Protection: Catch Basin
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: NEW YORK PAVING,INC
Mailing Address: 37-18 RAILROAD AVENUE
LONG ISLAND CITY, NY 11101
Mailing Contact: BOB COLETTI
Mailing Telephone: (718) 482-0780
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: No data missing
Owner Screen: No data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 63
Region: 2
Fiscal Amount for Registration Fee is Correct: True
Next Test Date: / /
Test Method: Not reported
Deleted: False
Inspector: Not reported
Expiration Date: 08/20/2006
Certification Date: 06/28/2001
Renew Date: / /

92
WNW
1/4-1/2
2590 ft.

PARKING GARAGE
11-15 50TH AVE
LONG ISLAND CITY, NY

LTANKS S102447951
HIST LTANKS N/A

Relative:
Higher

Actual:
15 ft.

LTANKS:

Spill Number: 9610315
Facility ID: 9610315
Site ID: 184887
Spill Date: 11/18/96
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: SACCACIO
Caller Name: BOB ARCARO
Caller Phone: (718) 331-5003
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: BOB SUDYY
Spiller: SAME
Spiller Company: MUTUAL PARKING
Spiller Address: 11-15 50TH AVE
LONG ISLAND CITY, NY 11101
Spiller County: 001
Spill Class: No spill occurred. No DEC Response. No corrective action required.
Spill Closed Dt: 03/31/03
Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Region of Spill: 2
DER Facility ID: 154673
CID: 07
Reported to Dept: 11/18/96
DEC Region: 2
Spill Source: VESSEL
Facility Tele: Not reported
SWIS: 4101
Caller Agency: TONE TANK AND PUMP INC
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 729-6055

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PARKING GARAGE (Continued)

S102447951

Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: True
Spill Record Last Update: 03/31/03
Date Spill Entered In Computer Data File: 11/18/96
Remediation Phase: 0
Program Number: 9610315
Regional Use: Not reported
Material
Material ID : 342528
Site ID : 184887
Operable Unit : 01
Operable Unit ID : 1038241
Material Code : 0009
Material Name : Gasoline
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 19456
Site ID : 184887
Tank Number : 0
Tank Size : 550
Test Method : 03
Leak Rate : 0.00
Gross Fail : F
Modified By : Spills
Last Modified : 10/01/04
Test Method : Horner EZ Check I or II

DEC Remarks : Not reported

Remark: CALLER STATES TANKS WERE TESTED TODAY AND WILL BE EXCAVATED TOMORROW
NO ADDITIONAL INFORMATION AT THIS TIME.

HIST LTANKS:

Spill Number:	9610315	Region of Spill:	2
Spill Date:	11/18/1996 10:00	Reported to Dept:	11/18/96 12:20
Water Affected:	Not reported	Spill Source:	Vessel
Resource Affected:	On Land		
Spill Cause:	Tank Test Failure		
Facility Contact:	SAME	Facility Tele:	Not reported
Investigator:	SACCACIO	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PARKING GARAGE (Continued)

S102447951

Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	BOB SUDYY	Spiller Phone:	(718) 729-6055
Spiller:	MUTUAL PARKING		
Spiller Address:	11-15 50TH AVE LONG ISLAND CITY, NY 11101		
Spill Class:	Not reported		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	2-600455
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	True		
Spill Record Last Update:	10/16/00		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	11/18/96		
Date Region Sent Summary to Central Office:	/ /		
Tank Test:			
PBS Number:	Not reported		
Tank Number:	0		
Test Method:	Horner EZ Check		
Capacity of Failed Tank:	550		
Leak Rate Failed Tank:	0.00		
Gross Leak Rate:	Talk Test Failures only pass or fail		
Material:			
Material Class Type:	1		
Quantity Spilled:	0		
Units:	Gallons		
Unknown Qty Spilled:	No		
Quantity Recovered:	0		
Unknown Qty Recovered:	False		
Material:	GASOLINE		
Class Type:	Petroleum		
Chem Abstract Service Number:	GASOLINE		
Last Date:	09/29/1994		
Num Times Material Entry In File:	21329		
DEC Remarks:	Not reported		
Spill Cause:	CALLER STATES TANKS WERE TESTED TODAY AND WILL BE EXCAVATED TOMORROW NO ADDITIONAL INFORMATION AT THIS TIME.		

93
NE
1/4-1/2
2599 ft.

LAGUARDIA COMM COLLEGE
31-10 THOMSON AV
LONG ISLAND CITY, NY

LTANKS S105995066
N/A

Relative:
Higher

LTANKS:

Actual:
24 ft.

Spill Number:	0110443	Region of Spill:	2
Facility ID:	0110443	DER Facility ID:	81624
Site ID:	89365	CID:	07
Spill Date:	01/31/02	Reported to Dept:	01/31/02
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
Spill Cause:	TANK OVERFILL		
Facility Address 2:	Not reported	Facility Tele:	(718) 482-5580

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAGUARDIA COMM COLLEGE (Continued)

S105995066

Investigator:	MXTIPPLE	SWIS:	4101
Caller Name:	MARGARET GENTLE	Caller Agency:	METRO OIL
Caller Phone:	(718) 383-1400	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	KAREN MCCORMACK	Spiller Phone:	(718) 482-5580
Spiller:	KAREN MCCORMACK		
Spiller Company:	LAGUARDIA COMM COLLEGE		
Spiller Address:	31-10 THOMSON AV LONG ISLAND CITY, ZZ		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Spill Closed Dt: 01/31/02

Spill Notifier: OTHER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 09/19/03
Date Spill Entered In Computer Data File: 01/31/02
Remediation Phase: 0
Program Number: 0110443
Regional Use: Not reported

Material

Material ID :	528067	
Site ID :	89365	
Operable Unit :	01	
Operable Unit ID :	847549	
Material Code :	0002	
Material Name :	#4 Fuel Oil	
Case No. :	Not reported	
Material FA :	Petroleum	
Quantity :	7.00	
Units :	G	
Recovered :	No	
Resource Affected - Soil :	Yes	
Resource Affected - Air :	No	
Resource Affected - Indoor Air :	No	
Resource Affected - Groundwater :	No	
Resource Affected - Surface Water :	No	
Resource Affected - Drinking Wtr :	No	
Resource Affected - Sewer :	No	
Resource Affected - Impervious Surface :	No	
Resource Affected - Subway :	No	
Resource Affected - Utility :	No	
Resource Affected - Impervious Surface :	No	
Oxygenate :	False	

Tank Test

Spill Tank Test :	Not reported
Site ID :	Not reported
Tank Number :	Not reported
Tank Size :	Not reported
Test Method :	Not reported
Leak Rate :	Not reported
Gross Fail :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAGUARDIA COMM COLLEGE (Continued)

EDR ID Number
EPA ID Number

S105995066

Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported
DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"TIPPLE" 01/31/2002 SPILL TO SIDEWALK ONLY, NO IMPACT TO SOILS,SEWERS
ETC. OIL COMPANY CONTAINED AND CLEANED IMMEDIATELY. SUPERINTENDANT
ERFAN VERIFIED CLEANUP COMPLETE.
Remark: SCHOOL ORDERED TOO MUCH PRODUCT LEADING TO OVERFILL - CLEAN UP CREW ON
THE WAY

U94
South
1/4-1/2
2621 ft.

SUMMIT CARTING CORP
427 GREENPOINT AVE
BROOKLYN, NY 11222

SWF/LF S106402575
N/A

Site 1 of 4 in cluster U

Relative:
Higher

Actual:
7 ft.

LF:
Secondary Addr : Not reported
Phone Number : Not reported
Owner Type : Private
Owner Address : 425 GREENPORT AVE.
Not reported
BROOKLYN, NY 0
Owner Email : Not reported
Contact Name : Not reported
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24W
Active : No
North Coordinate :4509596
Regulatory Status Permit
Waste Type : Not reported
Authorization # : 0
Expiration Date : Not reported
Flag : INACTIVE
Region Code : 2
Owner Name : SUMMIT CARTING CORP
Owner Phone : 7183926858
Contact Phone : Not reported
Accuracy Code : Not reported
East Coordinate : 589173
Authorization Date :Not reported

T95
SSE
1/4-1/2
2626 ft.

M.DELLACONA CARTING
37-90 RAILROAD AVENUE
LONG ISLAND CITY, NY 11101

SWF/LF S106402581
N/A

Site 2 of 2 in cluster T

Relative:
Higher

Actual:
15 ft.

LF:
Secondary Addr : Not reported
Phone Number : 7187067543
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : MARTIN DELLACONA
Contact Address : Not reported
Not reported
Not reported
Region Code : 2
Owner Name : Not reported
Owner Phone : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

M.DELLACONA CARTING (Continued)

S106402581

Contact Email : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 41T31
Active : No
North Coordinate :4509702
Regulatory Status Not reported
Waste Type : Not reported

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 589634

Authorization # : None
Expiration Date : Not reported
Flag : INACTIVE

Authorization Date :Not reported

U96
South
1/4-1/2
2626 ft.

MANHATTAN ADHESIVES PLANT
425-459 GREENPOINT AVENUE
BROOKLYN, NY 11222

CERC-NFRAP

1003864052
NYD980780811

Site 2 of 4 in cluster U

Relative:
Higher

CERCLIS-NFRAP Classification Data:

Actual:
7 ft.

Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	09/01/1984
Assessment:	PRELIMINARY ASSESSMENT	Completed:	10/31/1984
Assessment:	SITE INSPECTION	Completed:	08/31/1985
Assessment:	ARCHIVE SITE	Completed:	08/31/1985

U97
South
1/4-1/2
2626 ft.

F.E.S. RECYCLING; INC. (SUMMIT CARTING)
425 GREENPOINT AVE
BROOKLYN, NY 11222

SWF/LF

S105841906
N/A

Site 3 of 4 in cluster U

Relative:
Higher

LF:

Actual:
7 ft.

Secondary Addr : Not reported
Phone Number : 7183926858
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : PENTELIS FAKIRIS; PRESIDENT
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24W77
Active : No
North Coordinate :4509700
Regulatory Status Permit
Waste Type : Not reported

Region Code : 2
Owner Name : Not reported

Owner Phone : 0

Contact Phone : Not reported

Accuracy Code : Not reported
East Coordinate : 589400

Authorization # : 2-6101-00011
Expiration Date : 11/6/2001
Flag : INACTIVE

Authorization Date :11/6/1996

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

U98
South
1/4-1/2
2626 ft.

FORMER MANHATTAN ADHESIVES PLANT
425-459 GREENPOINT AVENUE
BROOKLYN, NY

Database(s)

EDR ID Number
EPA ID Number

DEL SHWS **S105972443**
N/A

Relative:
Higher

Site 4 of 4 in cluster U

Actual:
7 ft.

DELETED HWS:

Site Code Id : 224009
Site Classification : D1
Region : 2
Epa Id Number : NYD980780811
Year : Not reported
NYTM X : 0
NYTM Y : 0
Site Type :
Dump : Not reported
Structure : Not reported
Lagoon : Not reported
Landfill : Not reported
Treatment Pond : Not reported
Site Size (Acres) : Acres
Site Size Comment : Not reported
Owner During Use : Not reported
Period Associated With HW Start : Not reported
Period Associated With HW End : Not reported
Lat/Long Degrees : 0° 0' 0" / 0° 0' 0"
Hazardous Waste Disposed

Quantity

Not Reported

Not Reported

Air Data Available : Not reported
Surface Water Exists : Not reported
Ground Water Available : Not reported
Soil Data Available : Not reported
Sediment Data Available : Not reported
Groundwater Std Contravention : Not reported
Drinking Water Std Contravention : Not reported
Surface Water Std Contravention : Not reported
Air Standard Contraventions : Not reported
Legal Action Type : Not reported
State Legal Action : Not reported
Federal Legal Action : Not reported
Enforcement Status Code : Not reported
Remedial Action Proposed : Not reported
Remedial Action Under Design : Not reported
Remedial Action In Progress : Not reported
Remedial Action Completed : Not reported
Remedial Action Type : Not reported
Soil Type : Not reported
Depth To Groundwater : Not reported
Env Problems Assessment : Not Reported
Owner Name : Frank Castiglione
Owner Address : 32-02 College Point Boulevard
Flushing, NY 11354
Owner Phone : Not reported
Owner Contact :
Operator Name : Not reported
Operator Address : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FORMER MANHATTAN ADHESIVES PLANT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105972443

Operator Phone :	Not reported
Operator Contact Name :	
Latitude :	40 43' 56 / 73 56' 42
Site Type :	Structure
Owner(s) During Disposal :	Not reported
Operator(s) During Disposal :	Not reported
Haz Waste Disposal Period :	From: To:
Analytical Data Available For :	Not reported
Applicable Std Exceeded In :	Not reported
Geotech Info: Soil/rock Type :	Not reported
Depth To Groundwater :	Not reported
Status :	Not reported
Nature Of Action :	Not reported
Site Description :	Manhattan Adhesives is currently an empty factory building that is located at the foot of the Greenpoint Ave., Bridge in Brooklyn. Besides the Manhattan Adhesives factory, about 10 feet from the northeast wall is a manhole (not a sewer or drain) into which liquid waste was allegedly discharged. This waste came from a condemned oil storage site located at the intersection of Rt. 280, and the NJ Turnpike in NJ. The manhole is suspected of being the opening to an underground tank; however, the quantity of the waste allegedly dumped exceeds the capacity of most tanks. This information was obtained from the State Senate Committee on Crime and the Brooklyn District Attorney's office. Phase I State Superfund has been completed. A partial phase II investigation was completed during 1985 and recommended no further action. The Responsible Party has agreed to undertake an investigation in 1986. An investigation has not found hazardous waste on-site.
Confirmed Hazardous Waste :	Waste oil alleged to contain PCB's: Over 400,000 gal.
Environment Assessment :	Not Reported
Health Assessment :	Not Reported
Disposal Start Date :	Not reported
Disposal Terminated Date :	Not reported
Air Violation :	Not reported
Groundwater Violation :	Not reported
Drink Water Violation :	Not reported
Surface Water Violation :	Not reported
Legal New York State :	Not reported
Legal Federal :	Not reported
Legal State :	Not reported
Remedial Action Active :	Not reported
Remedial Action Done :	Not reported
NPL Status :	Not reported
Count Operator :	Not reported
Count Owner :	Not reported
Lat/Long Decimal :	0.00000 / 0.00000
Co Name :	Not reported
Co Addr :	Not reported
Operator Addr :	Not reported
Operator Addr 2 :	Not reported
Operator Addr 3 :	Not reported
Operator Addr 4 :	Not reported
HWD From :	Not reported
From To:	Not reported
Assessment Of Health :	Not reported
Environmental Assessment :	Not reported
Haz Waste Disposed / Quantity :	Not reported
Description :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FORMER MANHATTAN ADHESIVES PLANT (Continued)

EDR ID Number
EPA ID Number

S105972443

Assessment of Env Programs : Not reported
Assessment of Health Problems : Not reported
Site Description : Not reported

99
SE
1/2-1
2761 ft.

ROEHR CHEMICALS INC
52-20 37TH ST
LONG ISLAND CITY, NY 11101

Relative:
Higher

Actual:
35 ft.

RCRA-SQG
SHWS
FINDS
CBS UST
CBS AST
CERC-NFRAP
LTANKS
NY MANIFEST
HIST LTANKS
NJ MANIFEST

1000243997
NYD000764936

CERCLIS-NFRAP Classification Data:

Federal Facility: Not a Federal Facility
Non NPL Code: Removal Only Site (No Site Assessment Work Needed)
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: REMOVAL ASSESSMENT Completed: 05/03/1991
Assessment: ARCHIVE SITE Completed: 01/31/1997

RCRAInfo:

Owner: ACETO CHEMICAL CORP
(212) 555-1212
EPA ID: NYD000764936
Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/25/1991
Actual Date Achieved Compliance: 08/25/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/25/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/03/1986
Actual Date Achieved Compliance: 04/30/1986

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/02/1986
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920825
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860430

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

SHWS:

Region:

2

Classification

SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Acres:

0.5

Program:

HW

Site Code:

55924

Site Description :

Roehr Chemicals used to be located on 52-20 37th Street, in Long Island City, Queens. The Long Island Expressway (Interstate 495) is located about 1200 feet north of the site. Calvary Cemetery is located immediately east of the site across 37th Street and Newtown Creek is located approximately 1,750 feet southwest of the site. Roehr Chemicals owned and operated four buildings on five lots - lots 1, 8, 23, and 28. Lot 28 contained the main building and has been the focus of the current investigation and remediation. Other lots (1, 8, 23, & 24) were investigated and closed in August 1992 under RCRA closure. The site is presently used as a warehouse for storing packing boxes. Roehr Chemical was a manufacturer of bulk pharmaceuticals and pharmaceutical intermediates such as diet pills, allergy pills and chemicals used in muscle relaxants. Several VOCs such as xylene, benzene and diethyl-ketone were used in the production of these items. During site operations involving the removal of spent xylene, a containment system failed, leaking xylene to the surrounding soil. This release contaminated at least 2,000 cubic yards of on-site soil with xylene. The site has been investigated through multiple phases from Preliminary Site Assessment (PSA) in 1994 to a Remedial Investigation/Feasibility Study (RI/FS), concluded in 2000. The groundwater was found contaminated with xylene and acetone. The RI showed a long narrow xylene plume leaving the site and entering the Calvary Cemetery. An off-site investigation was conducted in October 2000 to determine the impact of on-site contamination on the groundwater quality downgradient of the Calvary Cemetery. A series of geoprobe borings and four monitoring wells were installed along Review Avenue. Total xylenes in many of these wells were found to be at a maximum concentration of 19 ppb. Soil vapor extraction and air sparging systems installed in 1994 as Interim Remedial Measures (IRMs)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ROEHR CHEMICALS INC (Continued)

1000243997

Health Problems Assesment : were further expanded in 1999. A Record of Decision signed in March 2001 selected a No Further Action Remedy with continued Operation, Maintenance and Monitoring (OM&M) of the installed SVE/ AS system. These measures have reduced groundwater concentrations from a high of 105 ppm of xylenes to non-detect levels in most wells. Quarterly groundwater sampling continues under the OM&M program.

Environmental Problems : On-site groundwater, surface water and soil contamination has been documented. Drinking water supplies are not impacted by contamination from this site. Drinking water contamination is unlikely as groundwater is not used as a potable supply within a five mile radius. Site access is controlled, limiting the potential for direct contact to contaminated surface soils to on-site workers. Indoor air sampling in homes immediately west of site did not indicate contamination warranting public health concerns. Soil and groundwater contamination continue to diminish as the remedial measure progresses.

The remedial actions taken to date have adequately addressed significant threat posed by the contamination, and the site reclassification is under consideration. The continuing groundwater monitoring shows that groundwater concentrations of site related contaminants have reduced to non-detect levels in most wells. The installed system is being operated in an on and off pulsing sequence to assess if the reductions in groundwater contaminant levels are permanent or not.

HW Extra
Site Code : 55924
HW Code : 241014
Dump : False
Structure : True
Lagoon : False
Landfill : False
Pond : False
Disp Start : 1991
Disp Term : unknown
Lat/Long : 40:44:05:0 / 73:56:10:0
Dell : F
Record Add : 11/18/99
Record Upd : 11/18/99
Updated By : INITIAL

Owner Operator
Site Code : 55924
HW Code : 241014
Own Op : 01
Seq no : 0000001
Sub Type : E
Name : ARNOLD FRANKEL
Company : ACETO CORPORATION
Address : ONE HOLLOW LANE
LAKE SUCCESS, NY 11042
Country : United States of America
Site Code : 55924
HW Code : 241014
Own Op : 01
Seq no : 0000001
Sub Type : NNN
Name : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Company : Aceto Corporation
Address : One Hollow Lane
Lake Success, NY 11042
Country : United States of America
Site Code : 55924
HW Code : 241014
Own Op : 03
Seq no : 0000000
Sub Type : NNN
Name : Not reported
Company : ACETO CORPORATION
Address : ZZ
Country : United States of America
Site Code : 55924
HW Code : 241014
Own Op : 04
Seq no : 0000001
Sub Type : E
Name : Not reported
Company : Roehr Chemicals, Inc.
Address : 50-20 37th Street
Long Island City, NY 11101
Country : United States of America
Site Code : 55924
HW Code : 241014
Own Op : 04
Seq no : 0000001
Sub Type : NNN
Name : Not reported
Company : Roehr Chemicals, Inc.
Address : 50-20 37th Street
Long Island City, NY 11101
Country : United States of America
Material
Site Code : 55924
HW Code : 241014
Waste Name : ACETONE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 55924
HW Code : 241014
Waste Name : ETHYLBENZENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 55924
HW Code : 241014
Waste Name : XYLENE (MIXED)
Waste Quan : UNKNOWN
Waste Code : Not reported
Cross Ref
Site Code : 55924
HW Code : 241014
Crossref ID : NYD000764936
Type Code : 05
Xref Type : EPA Site ID
Record Add : 11/18/99
Record Upd : 05/10/01

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Updated By : REGTRANS

CBS UST:

CBS Number:	2-000014	ICS No:	2-125730
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	HARRY OLENBERG	Facility Tel:	(212) 671-4218
Emergency Contact:	HARRY OLENBERG, (212) 671-4218		
Certification Date:	02/22/1991	Expiration Date:	02/17/1993
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Owner Address:	52-20 37TH ST. L.I.C., NY 11101		
Owner Phone:	(718) 784-8473		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Address:	52-20 37TH ST. L.I.C., NY 11101 ATTN: HARRY OLENBERG (718) 784-8473		
SPDES No:	Not reported	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	05/75		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None	Haz Percent:	100
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	4		
Chemical:	Methanol		
Tank Closed:	12/91		
Tank Secret:	False	Date Entered:	02/17/1989 07:56:27
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6301		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	Not reported
Renew Date:	12/18/90	Date Expired:	02/17/93
Total Capacity:	0		
Tank Number:	31867		

CBS Number:	2-000014	ICS No:	2-125730
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	HARRY OLENBERG	Facility Tel:	(212) 671-4218
Emergency Contact:	HARRY OLENBERG, (212) 671-4218		
Certification Date:	02/22/1991	Expiration Date:	02/17/1993
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Owner Address:	52-20 37TH ST. L.I.C., NY 11101		
Owner Phone	(718) 784-8473		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Address	52-20 37TH ST. L.I.C., NY 11101 ATTN: HARRY OLENBERG (718) 784-8473		
SPDES No:	Not reported	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	03/83		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Groundwater Well		
Overfill Protection:	4		
Chemical:	Xylene (mixed)		
Tank Closed:	12/91		
Tank Secret:	False	Date Entered:	02/17/1989 07:57:06
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6301		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	Not reported
Renew Date:	12/18/90	Date Expired:	02/17/93
Total Capacity:	0		
Tank Number:	22683		
CBS AST:			
CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.) 52-20 37TH ST. L.I.C., NY 11101 (718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Tank Containment:	None	Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON		
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	25
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1310732
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG		
	52-20 37TH ST.		
	L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:53:17
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	000S4		
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990		
CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
	52-20 37TH ST.		
	L.I.C., NY 11101		
	(718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

1000243997

Pipe Containment:	None	Haz Percent:	25
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1310732
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG		
	52-20 37TH ST.		
	L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:53:34
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	000S5		
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990		
CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
	52-20 37TH ST.		
	L.I.C., NY 11101		
	(718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	1200		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	70
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Tank Closed:	12/91	SWIS Code:	6301
PBS Number:	Not reported		
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG		
	52-20 37TH ST.		
	L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:54:20
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	000S6		
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990		
CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
	52-20 37TH ST.		
	L.I.C., NY 11101		
	(718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	25
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1310732

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

1000243997

SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG		
	52-20 37TH ST.		
	L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:55:02
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	000S8		
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990		

This is the most recent NY CBS AST data for this site.

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY CBS AST record(s) in the EDR Site Report.

LTANKS:

Spill Number:	8709604	Region of Spill:	2
Facility ID:	8709604	DER Facility ID:	228183
Site ID:	280999	CID:	Not reported
Spill Date:	02/12/88	Reported to Dept:	02/12/88
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(718) 784-8473
Investigator:	ADMIN. CLOSED	SWIS:	4101
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	HARRY OLENBERG/ROEHER CHE		
Spiller Address:	SAME AS ABOVE		
	ZZ		
Spiller County:	001		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.		
	Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/04/03		
Spill Notifier:	TANK TESTER		
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

UST Trust: False
Spill Record Last Update: 03/14/03
Date Spill Entered In Computer Data File: 02/12/88
Remediation Phase: 0
Program Number: 8709604
Regional Use: Not reported
Material
Material ID : 461402
Site ID : 280999
Operable Unit : 01
Operable Unit ID : 915039
Material Code : 0002
Material Name : #4 Fuel Oil
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : G
Recovered : -1
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 7791
Site ID : 280999
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Prior to Sept, 2004 data translation this spill Lead DEC Field was
"ADMIN.CLOSED" Roeher Chemical Corp.03/04/2003-Closed Due To The Nature
/ Extent Of The Spill Report

Remark: 3K TANK/ LEAK RATE IS UNDETERMINED. LEAK PROBABLY AT TANK TOP; STICKING
TANKS TODAY. EXCAVATE--ISOLATE--RETEST-CLOSED DUE TO LACK OF ANY
RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

Spill Number: 8907364
Facility ID: 8907364
Site ID: 295686
Spill Date: 10/25/89
Referred To: Not reported
Water Affected: Not reported
Spill Cause: TANK TEST FAILURE
Facility Address 2: Not reported
Investigator: TOMASELLO

Region of Spill: 2
DER Facility ID: 239282
CID: 12
Reported to Dept: 10/25/89
DEC Region: 2
Spill Source: COMMERCIAL/INDUSTRIAL
Facility Tele: (718) 784-8473
SWIS: 4101

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ROEHR CHEMICALS INC (Continued)

1000243997

Caller Name:	SEBASTIAN LOREFICE	Caller Agency:	TANK TESTING, INC
Caller Phone:	(718) 789-3770	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported

Spiller: Not reported
Spiller Company: ROEHER CHMCLS, INC
Spiller Address: HARRY OENBERG, ZZ
Spiller County: 001
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 02/13/03

Spill Notifier: TANK TESTER
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Record Last Update: 04/15/04
Date Spill Entered In Computer Data File: 11/02/89
Remediation Phase: 0
Program Number: 8907364
Regional Use: Not reported

Material

Material ID : 444148
Site ID : 295686
Operable Unit : 01
Operable Unit ID : 932423
Material Code : 0066A
Material Name : UNKNOWN PETROLEUM
Case No. : Not reported
Material FA : Petroleum
Quantity : -1.00
Units : L

Recovered :	No
Resource Affected - Soil :	Yes
Resource Affected - Air :	No
Resource Affected - Indoor Air :	No
Resource Affected - Groundwater :	No
Resource Affected - Surface Water :	No
Resource Affected - Drinking Wtr :	No
Resource Affected - Sewer :	No
Resource Affected - Impervious Surface :	No
Resource Affected - Subway :	No
Resource Affected - Utility :	No
Resource Affected - Impervious Surface :	No
Oxygenate :	False

Material ID : 444149
Site ID : 295686
Operable Unit : 01
Operable Unit ID : 932423
Material Code : 0326A
Material Name : ISOPROPYL ALCOHOL
Case No. : 00067630
Material FA : Other
Quantity : 0.00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ROEHR CHEMICALS INC (Continued)

1000243997

Units : L
Recovered : No
Resource Affected - Soil : Yes
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : No
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

Tank Test

Spill Tank Test : 10875
Site ID : 295686
Tank Number : Not reported
Tank Size : 0
Test Method : 00
Leak Rate : 0.00
Gross Fail : Not reported
Modified By : Spills
Last Modified : 10/01/04
Test Method : Unknown

DEC Remarks : Not reported

Remark: TWO 1.5K TANKS FAIL HORNER-EZY @ GROSS. #003 HAS BAD FILL BOX, #004
WOULD NOT STABILIZE IN STAND PIPE.

HIST LTANKS:

Spill Number:	8709604	Region of Spill:	2
Spill Date:	02/11/1988 16:30	Reported to Dept:	02/12/88 11:08
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Resource Affected:	Groundwater		
Spill Cause:	Tank Test Failure		
Facility Contact:	Not reported	Facility Tele:	(718) 784-8473
Investigator:	BATTISTA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	HARRY OLENBERG		
Spiller Address:	SAME AS ABOVE		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	2-005398
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	07/03/95		
Is Updated:	False		

MAP FINDINGS

EDR ID Number
EPA ID Number

1000243997

Tank Test:

Material:

DEC Remarks: Not reported

Spill Closed Dt: / /

Spill Notifier: Tank Tester PBS Number: 2-005398

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	//
Enforcement Date:	//
Investigation Complete:	//
UST Involvement:	False
Spill Record Last Update:	02/13/97
Is Updated:	False

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 11/02/89
Date Region Sent Summary to Central Office: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ROEHR CHEMICALS INC (Continued)

1000243997

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:

Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Material Class Type: 3
Quantity Spilled: 0
Units: Pounds
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: ISOPROPYL ALCOHOL
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: ISOPROPYL ALCOHOL
Last Date: 08/15/1995
Num Times Material Entry In File: 27

DEC Remarks: 07/03/90: TANKS REPAIRED RETESTED, SITE ASSESSMENT CONDUCTED BY YWC ENVIRONMENTAL REVEALED LITTLE CONTAMINATION, NO IMMEDIATE DANGER TO ENVIRONMENT THAT CAN BE ATTRIBUTED TO SUBSURFACE CONTAMINATION. CLEANUP BEING OVERSEEN BY HAZ WASTE REMEDIATION.

Spill Cause: TWO 1.5K TANKS FAIL HORNER-EZY @ GROSS. 003 HAS BAD FILL BOX, 004 WOULD NOT STABILIZE IN STAND PIPE.

NY MANIFEST:

Document ID: NYA1596105
Manifest Status: K
Trans1 State ID: NJSWAS300
Trans2 State ID: Not reported
Generator Ship Date: 841016
Trans1 Recv Date: 841016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 841016
Part A Recv Date: 841114
Part B Recv Date: 841115
Generator EPA ID: NYD000764936
Trans1 EPA ID: NJD991291105
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00275
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROEHR CHEMICALS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000243997

Specific Gravity: 100
Year: 84
Facility Type: Generator
EPA ID: NYD000764936
Facility Name: ROEHR CHEMICALS INC
Facility Address: 52-20 37TH STREET
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: ROEHR CHEMICALS INC C/O ARSYNCO
Mailing Contact: BILL LEYSER
Mailing Address: P O BOX 8
Mailing City: CARLSTADT
Mailing State: NJ
Mailing Zip: 07072
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-784-8473

[Click this hyperlink](#) while viewing on your computer to access
27 additional NY MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

Manifest Code: NJA5076152
EPA ID: NYD000764936
Date Shipped: 20040309
TSDF EPA ID: NJD991291105
TSDF Received Date: 040309
Transporter EPA ID: NJD054126164
Transporter Received Date: 040309
Waste Code: F003
Quantity Shipped: 270.00000
Unit of Measure: G
Method Code: T01

V100
SSE
1/2-1
3316 ft.

QUANTA RESOURCES CORP
37-80 REVIEW AVE
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
CORRACTS
NY MANIFEST

1000321850
NYD980592562

Site 1 of 2 in cluster V

Relative:
Higher

CORRACTS Data:

Actual:
33 ft.

EPA Id: NYD980592562
Region: 02
Area Name: SITEWIDE
Actual Date: 02/07/1995
Corrective Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective
Action at the facility or area referred to CERCLA
2002 NAICS Title: Petroleum Refineries

EPA Id: NYD980592562
Region: 02
Area Name: SITEWIDE
Actual Date: 02/07/1995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000321850

Corrective Action: CA225NF - Stabilization Measures Evaluation, This facility, is not amenable to stabilization activity at the, present time, because it appears to be technically infeasible or, inappropriate

2002 NAICS Title: Petroleum Refineries

EPA Id: NYD980592562
Region: 02
Area Name: SITEWIDE
Actual Date: 08/11/2004
Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

2002 NAICS Title: Petroleum Refineries

EPA Id: NYD980592562
Region: 02
Area Name: SITEWIDE
Actual Date: 09/08/1993
Corrective Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority

2002 NAICS Title: Petroleum Refineries

EPA Id: NYD980592562
Region: 02
Area Name: SITEWIDE
Actual Date: 09/20/1994
Corrective Action: CA050 - RFA Completed

2002 NAICS Title: Petroleum Refineries

[Click this hyperlink](#) while viewing on your computer to access
1 additional CORRACTS record(s) in the EDR Site Report.

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 08/11/2004

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: 02/07/1995

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
Event Date: 02/07/1995

Event: RFA Completed
Event Date: 09/20/1994

Event: RFA Determination Of Need For An RFI, RFI is Necessary;
Event Date: 09/20/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000321850

RCRAInfo:

Owner: QUANTA RESOURCES CORP
(201) 941-2020
EPA ID: NYD980592562
Contact: PRASHKER EUGENE
(201) 941-2020

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: PAH0272532
Manifest Status: Not reported
Trans1 State ID: PAD982661381
Trans2 State ID: Not reported
Generator Ship Date: 10/27/2005
Trans1 Recv Date: 10/27/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/28/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980592562
Trans1 EPA ID: PAAH0317
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 06859
Units: K - Kilograms (2.2 pounds)
Number of Containers: 037
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported
Facility Type: Generator
EPA ID: NYD980592562
Facility Name: QUANTA SITE ADMIN GRP
Facility Address: 37-80 REVIEW AVE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: USA
County: QUEENS
Mailing Name: QUANTA SITE ADMIN GRP
Mailing Contact: N/S
Mailing Address: 1951 OLD CUTHBERT RD #301
Mailing City: CHERRY HILL
Mailing State: NJ
Mailing Zip: 08034
Mailing Zip4: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES CORP (Continued)

EDR ID Number
EPA ID Number

1000321850

Mailing Country: USA
Mailing Phone: 856-616-8166

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

V101
SSE
1/2-1
3316 ft.

QUANTA RESOURCES
37-80 REVIEW AVENUE
MASPETH, NY 11378

SHWS S104541586
N/A

Site 2 of 2 in cluster V

Relative:
Higher

SHWS:

Actual:
33 ft.

Region:

2

Classification

SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Acres:

2

Program:

HW

Site Code:

58532

Site Description :

Quanta Resources operated a waste oil storage and processing facility at 37-80 Review Ave. from 1960 to 1981. The site is located in an industrial/commercial area of Long Island City. The Newtown Creek is about 500 ft. south of the site. After filing for bankruptcy in 1981, the owners abandoned the site. The site has tanks and several buildings on site, and is still abandoned. The surrounding parcels are currently used for a combination of commercial and industrial. A New York City emergency remedial action removed approximately 640,000 gallons of waste oil from the property. Some of the waste oil contained tetrachloroethene, methyl chloride, 1,1,1-trichloroethane and trichloroethene. Sludge, waste oil, and diesel fuel, all contaminated with PCBs from badly deteriorated leaking tanks and drums, were also removed. As part of NYSDEC's Phase II Investigation, three on-site groundwater monitoring wells were installed. During installation it was discovered that there was a four foot layer of oil lying above the groundwater table, which would imply that there are about 500,000 gallons of oil underground. A consent order was signed with numerous PRPs in May 2002 for the undertaking of investigation and remediation activities. Phase I of the Remedial Investigation has been completed. Phase II of the Remedial Investigation is planned for early 2005.

Health Problems Assesment :

Waste oil previously stored on-site has caused widespread contamination of groundwater and soils. Approximately 500,000 gallons of contaminated waste oil remains at the site, floating on the water table. The aquifer of concern is not used as a source for drinking water. Groundwater wells in this area of Queens are used only for commercial and industrial purposes. A fence surrounds the site restricting access and minimizing the potential for direct contact exposures to on-site contaminants. The potential exists for the floating oil plume to migrate into the nearby Newtown Creek which empties into the East River. Further investigation is required.

Environmental Problems :

Soil and groundwater contamination has been confirmed. The primary contaminants of concern include petroleum hydrocarbons, chlorinated solvents, PCBs, heavy metals and PAHs. Measurable LNAPL was found in 24 of 29 onsite and offsite monitoring wells. The site presents a significant threat due to the soil and groundwater contamination, free product plume and close proximity to Newtown

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104541586

Creek.

HW Extra
Site Code : 58532
HW Code : 241005
Dump : True
Structure : True
Lagoon : False
Landfill : False
Pond : False
Disp Start : 1960
Disp Term : 1981
Lat/Long : 40:43:52:0 / 73:56:09:0
Dell : F
Record Add : 11/18/99
Record Upd : 11/18/99
Updated By : INITIAL

Owner Operator
Site Code : 58532
HW Code : 241005
Own Op : 01
Seq no : 0000000
Sub Type : E
Name : Not reported
Company : QUANTA RESOURCES
Address : 299 S. STATE ST.
DOVER, DE 19901
Country : United States of America

Site Code : 58532
HW Code : 241005
Own Op : 01
Seq no : 0000001
Sub Type : NNN
Name : Not reported
Company : Quanta Resources
Address : 299 South State Street
Dover, DE 19901
Country : United States of America

Site Code : 58532
HW Code : 241005
Own Op : 03
Seq no : 0000000
Sub Type : NNN
Name : Not reported
Company : Quanta Resources
Address : ZZ
Country : United States of America

Site Code : 58532
HW Code : 241005
Own Op : 04
Seq no : 0000001
Sub Type : E
Name : Not reported
Company : QUANTA RESOURCES
Address : 299 S. STATE STREET
DOVER, DE 19901
Country : United States of America

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104541586

Site Code : 58532
HW Code : 241005
Own Op : 04
Seq no : 0000001
Sub Type : NNN
Name : Not reported
Company : Quanta Resources
Address : 299 South State Street
Dover, DE 19901
Country : United States of America
Material
Site Code : 58532
HW Code : 241005
Waste Name : TOLUENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : 1,1,1 TCA
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : BENZENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : TOLUENE 2,4-DIISOCYANATE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : HYDROCARBONS HEAVY METALS.
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : TETRACHLOROETHENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : METHYL CHLORIDE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : 1,1,1-TRICHLOROETHANE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 58532
HW Code : 241005
Waste Name : TRICHLOROETHENE
Waste Quan : UNKNOWN
Waste Code : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUANTA RESOURCES (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104541586

Cross Ref
Site Code : 58532
HW Code : 241005
Crossref ID : NYD980592562
Type Code : 06
Xref Type : RCRA ID
Record Add : 11/18/99
Record Upd : 02/24/05
Updated By : INITIAL
Site Code : 58532
HW Code : 241005
Crossref ID : NYD980534499
Type Code : 05
Xref Type : EPA Site ID
Record Add : 11/18/99
Record Upd : 05/10/01
Updated By : REGTRANS

102
South
1/2-1
3875 ft.

MOBIL OIL BROOKLYN TERMINAL
300 NORTH HENRY STREET
BROOKLYN, NY

DEL SHWS S105972445
N/A

Relative:
Higher

DELETED HWS:

Actual:
12 ft.

Site Code Id : 224013
Site Classification : D1
Region : 2
Epa Id Number : Not reported
Year : Not reported
NYTM X : 0
NYTM Y : 0
Site Type :
Dump : Not reported
Structure : Not reported
Lagoon : Not reported
Landfill : Not reported
Treatment Pond : Not reported
Site Size (Acres) : 15 Acres
Site Size Comment : Not reported
Owner During Use : Not reported
Period Associated With HW Start : Not reported
Period Associated With HW End : Not reported
Lat/Long Degrees : 0° 0' 0" / 0° 0' 0"
Hazardous Waste Disposed

Quantity

Not Reported

Not Reported

Air Data Available : Not reported
Surface Water Exists : Not reported
Ground Water Available : Not reported
Soil Data Available : Not reported
Sediment Data Available : Not reported
Groundwater Std Contravention : Not reported
Drinking Water Std Contravention : Not reported
Surface Water Std Contravention : Not reported
Air Standard Contraventions : Not reported
Legal Action Type : Not reported
State Legal Action : Not reported
Federal Legal Action : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL OIL BROOKLYN TERMINAL (Continued)

S105972445

Enforcement Status Code : Not reported
Remedial Action Proposed : Not reported
Remedial Action Under Design : Not reported
Remedial Action In Progress : Not reported
Remedial Action Completed : Not reported
Remedial Action Type : Complete
Soil Type : Not reported
Depth To Groundwater : Not reported
Env Problems Assessment : Not Reported
Owner Name : Not reported
Owner Address : 300 North Henry Street
Brooklyn
Owner Phone : Not reported
Owner Contact :
Operator Name : Not reported
Operator Address : Not reported
Not reported
Operator Phone : Not reported
Operator Contact Name :
Latitude : 0 0' 0" / 0 0' 0"
Site Type : Dump
Owner(s) During Disposal : Mobil Oil
Operator(s) During Disposal : Not reported
Haz Waste Disposal Period : From: 1900 To: 1985
Analytical Data Available For : Not reported
Applicable Std Exceeded In : Not reported
Geotech Info: Soil/rock Type : Not reported
Depth To Groundwater : Not reported
Status : Not reported
Nature Of Action : Not reported
Site Description : Large storage area. Facility was built on an old refinery. Possibility of groundwater contamination due to poor operation. Newton Creek is adjacent to the site.

Confirmed Hazardous Waste : Gasoline, Kerosene, Fuel Oil, Others: unknown
Environment Assesment : Site has been remediated.
Health Assesment : Not Reported
Disposal Start Date : Not reported
Disposal Terminated Date : Not reported
Air Violation : Not reported
Groundwater Violation : Not reported
Drink Water Violation : Not reported
Surface Water Violation : Not reported
Legal New York State : Not reported
Legal Federal : Not reported
Legal State : Not reported
Remedial Action Active : Not reported
Remedial Action Done : Not reported
NPL Status : Not reported
Count Operator : Not reported
Count Owner : Not reported
Lat/Long Decimal : 0.00000 / 0.00000
Co Name : Not reported
Co Addr : Not reported
Operator Addr : Not reported
Operator Addr 2 : Not reported
Operator Addr 3 : Not reported
Operator Addr 4 : Not reported

MOBIL OIL BROOKLYN TERMINAL (Continued)

S105972445

HWDP From :	Not reported
From To:	Not reported
Assessment Of Health :	Not reported
Environmental Assessment :	Not reported
Haz Waste Disposed / Quantity :	Not reported
Description :	Not reported
Assessment of Env Programs :	Not reported
Assessment of Health Problems :	Not reported
Site Description :	Not reported

103 KOSAN INDUSTRIAL CORP
WNW 5-49 49TH AVE
1/2-1 LONG ISLAND CITY, NY 11101
4080 ft.

RCRA-SQG 1000150474
FINDS NYD061949228
CORRACTS
NY MANIFEST

**Relative:
Higher**

CORRACTS Data:

**Actual:
8 ft.**

EPA Id:	NYD061949228
Region:	02
Area Name:	SITEWIDE
Actual Date:	01/13/2004
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title:	Not reported
EPA Id:	NYD061949228
Region:	02
Area Name:	SITEWIDE
Actual Date:	02/28/1995
Corrective Action:	CA225NF - Stabilization Measures Evaluation, This facility, is not amenable to stabilization activity at the, present time, because it appears to be technically infeasible or, inappropriate
2002 NAICS Title:	Not reported
EPA Id:	NYD061949228
Region:	02
Area Name:	SITEWIDE
Actual Date:	04/25/1995
Corrective Action:	CA050 - RFA Completed
2002 NAICS Title:	Not reported
EPA Id:	NYD061949228
Region:	02
Area Name:	SITEWIDE
Actual Date:	04/25/1995
Corrective Action:	CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title:	Not reported
EPA Id:	NYD061949228
Region:	02
Area Name:	SITEWIDE
Actual Date:	04/25/1995
Corrective Action:	CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority, Corro Action referred to another non-RCRA Federal Authority
2002 NAICS Title:	Not reported

[Click this hyperlink](#) while viewing on your computer to access 1 additional CORRACTS record(s) in the EDR Site Report.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KOSAN INDUSTRIAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000150474

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 01/13/2004
Event: RFA Completed
Event Date: 04/25/1995
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 04/25/1995
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action referred to another non-RCRA Federal Authority.
Event Date: 04/25/1995
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
Event Date: 02/28/1995
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

RCRAInfo:

Owner: STEPHEN GALGANO
(212) 277-3333
EPA ID: NYD061949228
Contact: THOMAS GILCHRIST
(718) 784-8385
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: NYO1650393
Manifest Status: K
Trans1 State ID: NY2A074
Trans2 State ID: Not reported
Generator Ship Date: 820703
Trans1 Recv Date: 820703
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820730
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061949228
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSDF ID: NYD000824334
Waste Code: F003 - UNKNOWN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KOSAN INDUSTRIAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000150474

Quantity: 00715
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 82
Facility Type: Generator
EPA ID: NYD061949228
Facility Name: KOSAN INDUSTRIAL CORP
Facility Address: 5-49 49TH AVENUE
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: KOSAN INDUSTRIAL CORP
Mailing Contact: THOMAS GILCHRIST OWNER SE
Mailing Address: 5-49 49ATH AVENUE
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 212-784-8385

[Click this hyperlink](#) while viewing on your computer to access
5 additional NY MANIFEST: record(s) in the EDR Site Report.

104
WNW
1/2-1
4312 ft.

ACCURATE ASSOCIATES
5-36 46TH RD
LONG ISLAND CITY, NY 11101

RCRA-SQG
FINDS
RAATS
CORRACTS
NY MANIFEST

1000426821
NYD001264191

Relative:
Higher

CORRACTS Data:

Actual:
10 ft.

EPA Id: NYD001264191
Region: 02
Area Name: SITEWIDE
Actual Date: 03/15/1991
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: Not reported

EPA Id: NYD001264191
Region: 02
Area Name: SITEWIDE
Actual Date: 05/24/1991
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title: Not reported

EPA Id: NYD001264191
Region: 02
Area Name: SITEWIDE
Actual Date: 11/17/1992
Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
2002 NAICS Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCURATE ASSOCIATES (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000426821

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 11/17/1992
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 05/24/1991
Event: RFA Completed
Event Date: 03/15/1991

RCRAInfo:

Owner: ACCURATE ASSOC
(718) 729-2957
EPA ID: NYD001264191
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/1991
Actual Date Achieved Compliance: 05/24/1991
Enforcement Action: FINAL IMMINENT HAZARD ORDER
Enforcement Action Date: 05/24/1991
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19910524

FINDS:

Other Pertinent Environmental Activity Identified at Site:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

Document ID: MIA2302313
Manifest Status: K
Trans1 State ID: JA113
Trans2 State ID: Not reported
Generator Ship Date: 910416

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ACCURATE ASSOCIATES (Continued)

1000426821

Trans1 Recv Date: 910416
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910418
Part A Recv Date: 910708
Part B Recv Date: 910503
Generator EPA ID: NYD001264191
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: MID098011992
Waste Code: F008 - PLAT SLDG FM BTM PLAT BATH OPER CYANIDE.
Quantity: 00700
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00700
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00700
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00700
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 91
Facility Type: Generator
EPA ID: NYD001264191
Facility Name: ACCURATE ASSOCIATES / FAMOUS CASTINGS
Facility Address: 5-36 46TH ROAD
Facility City: LONG ISLAND
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: ACCURATE ASSOCIATES / FAMOUS CASTINGS
Mailing Contact: MILTON BROCK
Mailing Address: 5-20 46TH ROAD
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 718-729-2957

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACCURATE ASSOCIATES (Continued)

EDR ID Number
EPA ID Number

1000426821

[Click this hyperlink](#) while viewing on your computer to access
4 additional NY MANIFEST: record(s) in the EDR Site Report.

105
NNE
1/2-1
5136 ft.

Relative:
Equal

Actual:
5 ft.

AMTRAK SUNNYSIDE YARD
39-29 HONEYWELL ST
LONG ISLAND CITY, NY 11101

PADS 1000323850
SHWS NYD078516895
FINDS
RCRA-LQG
LTANKS
NY Spills
NY MANIFEST
NY Hist Spills
HIST LTANKS
CT MANIFEST
MANIFEST

RCRAInfo:
Owner: AMTRAK
(212) 630-6215
EPA ID: NYD078516895
Contact: Not reported
Classification: Large Quantity Generator
TSD Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	4121.00	D002	22.00
D003	1.00	D009	1200.00

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued) 1000323850

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:	
Region:	2
Classification	SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Acres:	100
Program:	HW
Site Code:	57794
Site Description :	<p>The site is an active maintenance and storage yard for train locomotives and passenger cars. Several investigations conducted prior to 1986 had found that PCBs were present in soils and a PCBs laden separate phase plume was also present near the former Engine Shop. A remedial investigation was later conducted in multiple phases under NYSDEC oversight pursuant to a consent order. Seventeen specific areas of concern (AOC) have been identified. PCBs, petroleum hydrocarbons, and lead are the main site-related contaminants of concern. Onsite soils, groundwater, and sewer sediments are contaminated with one or more of these contaminants. Chlorinated solvents are also present in on-site groundwater, but are believed to have originated off site. The sources of the PCBs are believed to be leaks from stationary transformers and locomotive-mounted transformers. The main sources of petroleum hydrocarbons are believed to be the diesel USTs and the various leaks and disposals over the years of the Yard activities. The consent order was modified in 1988 to divide the Yard into six operable units (OUs). The operable units (OUs) 1 and 2, the unsaturated soil under and around the High Speed Line building areas have been investigated and remediated. An RI for OU3 is underway. OU3 consists of the unsaturated soils, the free product plume, and underground structures in and around the former Engine House Area, known as AOC-1. Portions of OU-4 (remainder of the site) have been completed. The on-site sewer system (OU-5) and the groundwater/saturated soils (OU-6) were also investigated during the Phase II, but more work remains to be done. Interim Remedial Measures (IRMs) installed since 1990 have contained and recovered petroleum. These measures were discontinued in 1996. A new IRM consisting of a single collection trench was installed in late 1998 to recover the free petroleum. This IRM continues to operate on and off as permitted by ongoing Yard construction. The preliminary remedial plans for OU3 includes an IRM to excavate free product and contaminated soils. The Long Island Railroad (LIRR) is planning to construct tunnels through the Yard as part of its East Side Access (ESA) project. Impacts from the proposed construction remain to be assessed.</p>
Health Problems Assessment :	Groundwater in the area of the site is not used as a source of potable water. Access to the site is controlled, preventing trespassers from coming in contact with contaminated soils.
Environmental Problems :	Soil and groundwater contamination by PCBs has been confirmed. A PCBs laden petroleum plume is also present in one portion of the site. The

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

site has secured access.Exceedances of standards, criteria, and guidance include PCBs, metals (primarily lead), and SVOCs for soil; and metals and SVOCs for groundwater.

HW Extra

Site Code : 57794
HW Code : 241006
Dump : True
Structure : False
Lagoon : False
Landfill : False
Pond : False
Disp Start : 1910
Disp Term : unknown
Lat/Long : 40:45:03:0 / 73:56:01:0
Dell : F
Record Add : 11/18/99
Record Upd : 11/18/99
Updated By : INITIAL

Owner Operator

Site Code : 57794
HW Code : 241006
Own Op : 01
Seq no : 0000000
Sub Type : E
Name : Not reported
Company : PENNSYLVANIA RAILROAD - AMTRAK
Address : 400 N. CAPITOL ST. NW
WASHINGTON, DC 20001

Country : United States of America

Site Code : 57794
HW Code : 241006
Own Op : 01

Seq no : 0000001
Sub Type : NNN

Name : Not reported
Company : National Rail Passenger Corporation
Address : 400 North Capitol Street NW
Washington, DC 20001

Country : United States of America

Site Code : 57794
HW Code : 241006
Own Op : 03

Seq no : 0000000
Sub Type : NNN

Name : Not reported
Company : PENNSYLVANIA RAILROAD - AMTRAK
Address : ZZ

Country : United States of America

Site Code : 57794
HW Code : 241006
Own Op : 04

Seq no : 0000000
Sub Type : E

Name : JOSEPH P. DEVITO
Company : PENNSYLVANIA RAILROAD - AMTRAK
Address : 39-29 HONEYWELL ST.
LONG ISLAND CITY, NY 11101

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Country :	United States of America
Site Code :	57794
HW Code :	241006
Own Op :	04
Seq no :	0000001
Sub Type :	NNN
Name :	Not reported
Company :	Amtrak - Sunnyside Yard
Address :	39-29 Honeywell Street Long Island City, NY 11101
Country :	United States of America
Material	
Site Code :	57794
HW Code :	241006
Waste Name :	LEAD
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	LEAD
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	LEAD
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	1,2,4-TRICHLOROBENZENE
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	XYLENE (MIXED)
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan :	UNKNOWN
Waste Code :	Not reported
Site Code :	57794
HW Code :	241006
Waste Name :	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan :	UNKNOWN
Waste Code :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Site Code : 57794
HW Code : 241006
Waste Name : POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : POLYCHLORINATED BIPHENYLS (PCB)
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : FLUORANTHENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : ANTHRACENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : BENZO(B)FLUORANTHENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : BENZO(A)PYRENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : BENZO[K]FLUORANTHENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : BENZENE
Waste Quan : UNKNOWN
Waste Code : Not reported
Site Code : 57794
HW Code : 241006
Waste Name : PYRENE
Waste Quan : UNKNOWN
Waste Code : Not reported

Cross Ref

Site Code : 57794
HW Code : 241006
Crossref ID : P-79652
Type Code : 11
Xref Type : ICS ID
Record Add : 11/18/99
Record Upd : 02/24/05
Updated By : INITIAL

SPILLS:

DER Facility ID : 86808
Site ID : 97448

CID : 07

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Spill Number:	8503066	Region of Spill:	2
Investigator:	SIGONA	SWIS:	4101
Caller Name:	RANDALL AUSTIN	Caller Agency:	NYSDEC
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	11/27/85	Reported to Dept:	11/27/85
Facility Address 2:	Not reported		
Facility Type:	ER		
Referred To :	Not reported	DEC Region :	2
Remediation Phase :	0		
Program Number :	8503066		
Spill Cause:	EQUIPMENT FAILURE		
Water Affected:	Not reported	Spill Source:	NON MAJOR FACILITY > 1,100 GAL
Contact Name:	JOHN KROLL	Facility Tele:	(212) 630-6215
Spill Notifier:	RESPONSIBLE PARTY		
Spiller:	SAFETY/ENVIRONMENTAL		
Spiller Company :	NATIONAL RAILROAD PASS		
Spiller Address:	400 WEST 31ST STREET,6TH		
	NEW YORK, NY 10001		
Spiller County :	001		
Spill Class:	Known release that creates a file or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)		

Spill Closed Dt: 01/09/98

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Std:False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Regional Use: Not reported

Spill Record Last Update: 11/24/03

Date Spill Entered In Computer Data File: 05/12/92

Material

Material ID :	479514	
Site ID :	97448	
Operable Unit :	01	
Operable Unit ID :	896985	
Material Code :	0017A	
Material Name :	PCB OIL	
Case No. :	Not reported	
Material FA :	Petroleum	
Quantity :	0.00	
Units :	G	
Recovered :	No	
Resource Affected - Soil :	No	
Resource Affected - Air :	No	
Resource Affected - Indoor Air :	No	
Resource Affected - Groundwater :	Yes	
Resource Affected - Surface Water :	No	
Resource Affected - Drinking Wtr :	No	
Resource Affected - Sewer :	No	
Resource Affected - Impervious Surface :	No	
Resource Affected - Subway :	No	
Resource Affected - Utility :	No	
Resource Affected - Impervious Surface :	No	
Oxygenate :	False	

Material ID : 479515

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Site ID : 97448
Operable Unit : 01
Operable Unit ID : 896985
Material Code : 0022
Material Name : Waste Oil/Used Oil (Not Fuel)
Case No. : Not reported
Material FA : Petroleum
Quantity : 0.00
Units : G

Recovered : No
Resource Affected - Soil : No
Resource Affected - Air : No
Resource Affected - Indoor Air : No
Resource Affected - Groundwater : Yes
Resource Affected - Surface Water : No
Resource Affected - Drinking Wtr : No
Resource Affected - Sewer : No
Resource Affected - Impervious Surface : No
Resource Affected - Subway : No
Resource Affected - Utility : No
Resource Affected - Impervious Surface : No
Oxygenate : False

DEC Remarks : Not reported

Remark: DIESEL WASTE OIL - GROUNDWATER AND SEWERS - SUMP PIT FILLED WITH WASTE OIL OVER INTO COMBINED SEWERS DEP WILL INVESTIGATE AND REPORT BACK TO DEC DEP FOUND 300 YARD DIA. POND OF OIL
This is the most recent NY SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

HIST SPILLS:

Spill Number:	8503066	Region of Spill:	2
Investigator:	SIGONA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spill Date:	11/27/1985 13:51	Reported to Dept:	11/27/85 13:51
Spill Cause:	Housekeeping	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	SAFETY/ENVIRONMENTAL	Facility Tele:	(212) 630-6215
Spill Notifier:	Other	PBS Number:	Not reported
Spiller Contact:	JOHN KROLL	Spiller Phone:	(212) 630-6215
Spiller:	NATIONAL RAILROAD PASS		
Spiller Address:	400 WEST 31ST STREET,6TH NEW YORK		

DEC Remarks : SUPERFUND HAZARDOUS WASTE SITE. This site is listed on state registry for cleanup of PCBs, Petroleum, etc. project is being handled by hazardous waste remediation unit. Spill report is closed since project not being managed by Spill Response Unit.

Remark: DIESEL WASTE OIL - GROUNDWATER AND SEWERS - SUMP PIT FILLED WITH WASTE OIL OVER INTO COMBINED SEWERS DEP WILL INVESTIGATE AND REPORT BACK TO DEC DEP FOUND 300 YARD DIA. POND OF OIL

Spill Class: Known release that creates a file or hazard. DEC Response.
Unable/unwilling Responsible Party. Corrective action taken. (ISR)

Material:
Material Class Type: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: PCB OIL
Class Type: Petroleum
Chem Abstract Service Number: PCB OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 1229
Spill Closed Dt: 01/09/98
Cleanup Ceased: / /
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Invstgn Complete: / /
Spill Record Last Update: 01/09/98
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/12/92
Date Region Sent Summary to Central Office: / /

Cleanup Meets Std:False

Enforcement Date: / /

UST Involvement: False

This is the most recent NY HISTORIC SPILLS record for this site.

[Click this hyperlink](#) while viewing on your computer to access additional NY HIST SPILLS detail in the EDR Site Report.

LTANKS:

Spill Number:	9013163	Region of Spill:	2
Facility ID:	9013163	DER Facility ID:	86808
Site ID:	97453	CID:	07
Spill Date:	03/26/91	Reported to Dept:	03/26/91
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	COMMERCIAL/INDUSTRIAL
Spill Cause:	TANK TEST FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(212) 630-7565
Investigator:	ADMIN. CLOSED	SWIS:	4101
Caller Name:	JIM KUEBLER	Caller Agency:	AMTRAK
Caller Phone:	(212) 630-7249	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Company:	AMTRAK		
Spiller Address:	39-29 HONEYWELL STREET LONG ISLAND CITY, NY		
Spiller County:	001		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 03/14/03

Spill Notifier: RESPONSIBLE PARTY

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False

Recommended Penalty: Penalty Not Recommended

UST Trust: False

Spill Record Last Update: 03/30/04

Date Spill Entered In Computer Data File: 04/04/91

Remediation Phase: 0

Program Number: 9013163

Regional Use: Not reported

Material

Material ID : 426055

Site ID : 97453

Operable Unit : 01

Operable Unit ID : 950385

Material Code : 0001

Material Name : #2 Fuel Oil

Case No. : Not reported

Material FA : Petroleum

Quantity : -1.00

Units : L

Recovered : No

Resource Affected - Soil : No

Resource Affected - Air : No

Resource Affected - Indoor Air : No

Resource Affected - Groundwater : Yes

Resource Affected - Surface Water : No

Resource Affected - Drinking Wtr : No

Resource Affected - Sewer : No

Resource Affected - Impervious Surface : No

Resource Affected - Subway : No

Resource Affected - Utility : No

Resource Affected - Impervious Surface : No

Oxygenate : False

Tank Test

Spill Tank Test : 12932

Site ID : 97453

Tank Number : Not reported

Tank Size : 0

Test Method : 00

Leak Rate : 0.00

Gross Fail : Not reported

Modified By : Spills

Last Modified : 10/01/04

Test Method : Unknown

DEC Remarks : Not reported

Remark: 20K TANK FAILED,CONTRACTOR WILL PUMP TANK,PRESENTLY ROUX ASSOCIATES
PERFORMING SITE ASSESSMENT,SITE IS PART OF RIFF PROJECT,JAMES QUINN,
DEC REMEDIAL ACTION (518-457-3395). CLOSED DUE TO LACK OF ANY RECENT
INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Spill Number: 9207333

Region of Spill: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Facility ID:	9207333	DER Facility ID:	86808
Site ID:	97456	CID:	07
Spill Date:	09/24/92	Reported to Dept:	09/24/92
Referred To:	Not reported	DEC Region:	2
Water Affected:	Not reported	Spill Source:	NON MAJOR FACILITY > 1,100 GAL
Spill Cause:	TANK FAILURE		
Facility Address 2:	Not reported	Facility Tele:	(212) 630-6215
Investigator:	SIGONA	SWIS:	4101
Caller Name:	ROGER ANDES	Caller Agency:	AMTRAK
Caller Phone:	(202) 906-4938	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	ENVIRONMENTAL DEPT		
Spiller Company:	NATIONAL RAILROAD PASS		
Spiller Address:	400 WEST 31ST STREET, 4TH NEW YORK, NY 10001		
Spiller County:	001		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/24/03		
Spill Notifier:	RESPONSIBLE PARTY		
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
UST Trust:	True		
Spill Record Last Update:	11/24/03		
Date Spill Entered In Computer Data File:	09/28/92		
Remediation Phase:	0		
Program Number:	9207333		
Regional Use:	Not reported		
Material			
Material ID :	407971		
Site ID :	97456		
Operable Unit :	01		
Operable Unit ID :	970974		
Material Code :	0009		
Material Name :	Gasoline		
Case No. :	Not reported		
Material FA :	Petroleum		
Quantity :	0.00		
Units :	G		
Recovered :	No		
Resource Affected - Soil :	No		
Resource Affected - Air :	No		
Resource Affected - Indoor Air :	No		
Resource Affected - Groundwater :	Yes		
Resource Affected - Surface Water :	No		
Resource Affected - Drinking Wtr :	No		
Resource Affected - Sewer :	No		
Resource Affected - Impervious Surface :	No		
Resource Affected - Subway :	No		
Resource Affected - Utility :	No		
Resource Affected - Impervious Surface :	No		
Oxygenate :	False		
Tank Test			

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Spill Tank Test : Not reported
Site ID : Not reported
Tank Number : Not reported
Tank Size : Not reported
Test Method : Not reported
Leak Rate : Not reported
Gross Fail : Not reported
Modified By : Not reported
Last Modified : Not reported
Test Method : Not reported

DEC Remarks : Not reported

Remark: ALL 14 TANKS CLEANED AND FILLED W/CONCRETE 4 TEST BORINES DONE 2/10/92,
4 EA MONITORING WELLS 3/3/92 INDICATES CONTAMINATED SOIL AND G/W CLOSED
SITE 1960

HIST LTANKS:

Spill Number: 9013163
Spill Date: 03/23/1991 16:45
Water Affected: Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Test Failure
Facility Contact: Not reported
Investigator: BATTISTA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: AMTRAK
Spiller Address: 39-29 HONEYWELL STREET
LONG ISLAND CITY, NY

Region of Spill: 2
Reported to Dept: 03/26/91 14:06
Spill Source: Other Commercial/Industrial

Facility Tele: (212) 630-7565
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /

Spill Notifier: Responsible Party

PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/03/95
Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 04/04/91

Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:

Material Class Type: 1
Quantity Spilled: -1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464

DEC Remarks: Not reported

Spill Cause: 20K TANK FAILED,CONTRACTOR WILL PUMP TANK,PRESENTLY ROUX ASSOCIATES PERFORMING SITE ASSESSMENT,SITE IS PART OF RIFF PROJECT,JAMES QUINN, DEC RE MEDIAL ACTION 518-457-3395).

Spill Number: 9207333
Spill Date: 01/01/1991 12:00
Water Affected: Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Region of Spill: 2
Reported to Dept: 09/24/92 13:14
Spill Source: Other Non Commercial/Industrial

Facility Contact: Not reported
Investigator: MILLER
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Facility Tele: Not reported
SWIS: 63
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /

Spill Notifier: Responsible Party

PBS Number: Not reported

Cleanup Ceased: / /

Last Inspection: / /

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: / /
Is Updated: False

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 09/28/92

Date Region Sent Summary to Central Office: / /

Tank Test:

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: ALL 14 TANKS CLEANED AND FILLED W/CONCRETE 4 TEST BORINES DONE 2/10/924
EA MONITORING WELLS 3/3/92 INDICATES CONTAMINATED SOIL AND G/W CLOSED SI
TE 1960

NY MANIFEST:

Document ID: NYO2690685
Manifest Status: K
Trans1 State ID: NY9A098
Trans2 State ID: Not reported
Generator Ship Date: 840124
Trans1 Recv Date: 840124
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840125
Part A Recv Date: 840228
Part B Recv Date: 840206
Generator EPA ID: NYD078516895
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B004 - PCB ARTICLES WITH 50 PPM BUT < 500 PPM
Quantity: 00020
Units: T - Tons
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84
Facility Type: Generator
EPA ID: NYD078516895
Facility Name: AMTRAK-NATIONAL RAILROAD CORP
Facility Address: 3939 HONEYWELL ST
Facility City: LONG ISLAND CITY
Facility Zip 4: Not reported
Country: Not reported
County: QUEENS
Mailing Name: NATIONAL RAILROAD PASSENGER CORP
Mailing Contact: RICHARD MOHLENHOFF
Mailing Address: 400 WEST 31ST ST-4TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10002
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-630-6215

[Click this hyperlink](#) while viewing on your computer to access
825 additional NY MANIFEST: record(s) in the EDR Site Report.

CT MANIFEST:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Year: 2000
Manifest ID: CTF0900974
TSDF EPA ID: CTD000604488
TSDF Name: CLEAN HARBORS OF CONNECTICUT, INC.
TSDF Address: 51 BRODERICK RD
TSDF City,St,Zip: BRISTOL, CT 06010
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 05/16/00
Transporter EPA ID: MAD039322250
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Transporter Country: USA
Transporter Phone: Not reported
Trans 2 Date: / /
Trans 2 EPA ID: NJD986607380
Trans 2 Name: MAUMEE EXPRESS INC
Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
Generator EPA ID: NYD078516895
Generator Phone: 7185697565
Generator Address: Not reported
Generator City,State,Zip: Not reported
Generator Country: Not reported
Special Handling: Not reported
Discrepancies: Yes
Date Shipped: 05/16/00
Date Received: 05/24/00
Last modified date: 04/27/04
Last modified by: IG
Comments: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional CT MANIFEST: record(s) in the EDR Site Report.

RI MANIFEST:

Manifest Docket Number: RIS0077661
Waste Description: LAB PACK
Quantity: 1.00
WT/Vol Units: LBS
Item Number: 10258
Transporter Name: 21ST CENTURY ENV. MGT. INC. - RI
Transporter EPA ID: RID980906986
ID: 76245
GEN Cert Date: 1/28/2003 0:00:00
Transporter Recpt Date: 1/28/2003 0:00:00
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: NYD078516895
Number Of Containers: Not reported
Container Type: Not reported
Waste Code1: D001 D003
Waste Code2: Not reported
Waste Code3: Not reported
Waste Code4: Not reported
Waste Code5: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDf Name:	Northland Environmental Inc.
TSDf ID:	rid040098352
Data Source:	Northland haz in data
Date Imported:	9/5/2003 13:26:58
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Quantity in LBS.:	1
Fee Reported:	Not reported
Manifest Docket Number:	RIS0077661
Waste Description:	LAB PACK
Quantity:	2.00
WT/Vol Units:	LBS
Item Number:	10259
Transporter Name:	21ST CENTURY ENV. MGT. INC. - RI
Transporter EPA ID:	RID980906986
ID:	76246
GEN Cert Date:	1/28/2003 0:00:00
Transporter Recpt Date:	1/28/2003 0:00:00
Transporter 2 Recpt Date:	Not reported
TSDf Recpt Date:	Not reported
EPA ID:	NYD078516895
Number Of Containers:	Not reported
Container Type:	Not reported
Waste Code1:	D002
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDf Name:	Northland Environmental Inc.
TSDf ID:	rid040098352
Data Source:	Northland haz in data
Date Imported:	9/5/2003 13:26:58
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Quantity in LBS.:	2
Fee Reported:	Not reported
Manifest Docket Number:	RIS0077661
Waste Description:	LAB PACK
Quantity:	5.00
WT/Vol Units:	LBS
Item Number:	10257
Transporter Name:	21ST CENTURY ENV. MGT. INC. - RI
Transporter EPA ID:	RID980906986
ID:	76244
GEN Cert Date:	1/28/2003 0:00:00
Transporter Recpt Date:	1/28/2003 0:00:00
Transporter 2 Recpt Date:	Not reported
TSDf Recpt Date:	Not reported
EPA ID:	NYD078516895

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMTRAK SUNNYSIDE YARD (Continued)

1000323850

Number Of Containers:	Not reported
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSD Name:	Northland Environmental Inc.
TSD ID:	rid040098352
Data Source:	Northland haz in data
Date Imported:	9/5/2003 13:26:58
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Quantity in LBS.:	5
Fee Reported:	Not reported
Manifest Docket Number:	RIS0077662
Waste Description:	LAB PACK
Quantity:	15.00
WT/Vol Units:	LBS
Item Number:	10260
Transporter Name:	21ST CENTURY ENV. MGT. INC. - RI
Transporter EPA ID:	RID980906986
ID:	76247
GEN Cert Date:	1/28/2003 0:00:00
Transporter Recpt Date:	1/28/2003 0:00:00
Transporter 2 Recpt Date:	Not reported
TSD Recpt Date:	Not reported
EPA ID:	NYD078516895
Number Of Containers:	Not reported
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSD Name:	Northland Environmental Inc.
TSD ID:	rid040098352
Data Source:	Northland haz in data
Date Imported:	9/5/2003 13:26:58
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Quantity in LBS.:	15
Fee Reported:	Not reported
Manifest Docket Number:	RIS0077662
Waste Description:	LAB PACK
Quantity:	20.00
WT/Vol Units:	LBS
Item Number:	10261
Transporter Name:	21ST CENTURY ENV. MGT. INC. - RI

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMTRAK SUNNYSIDE YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000323850

Transporter EPA ID: RID980906986
ID: 76248
GEN Cert Date: 1/28/2003 0:00:00
Transporter Recpt Date: 1/28/2003 0:00:00
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: NYD078516895
Number Of Containers: Not reported
Container Type: Not reported
Waste Code1: D002
Waste Code2: Not reported
Waste Code3: Not reported
Waste Code4: Not reported
Waste Code5: Not reported
Waste Code6: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Northland Environmental Inc.
TSDF ID: rid040098352
Data Source: Northland haz in data
Date Imported: 9/5/2003 13:26:58
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Quantity in LBS.: 20
Fee Reported: Not reported

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4 additional RI MANIFEST: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLISSVILLE	S105841951	LORI CONTRACTING PROCESSING FACILI	35-15 GALE AVENUE	11222	SWF/LF
BROOKLYN	S105841740	N. Y. PAVING CO.	957 MEEKER AVE (MEEKER / GARDN	11222	SWF/LF
BROOKLYN	S105841749	ORSANO CARTING CO.	852 MEEKER AVE. (THOMAS / STEW	11222	SWF/LF
BROOKLYN	S105841748	ORSANO CARTING	852 MORGAN AVE.AVENUE	11222	SWF/LF
LONG ISLAND CITY	S106867905	RAILROAD TRACKS	11TH STREET / 53RD AVE		NY Spills
LONG ISLAND CITY	S102145507	LAUNDROMAT	11TH STREET BETW 45TH / 45		NY Spills, NY Hist Spills
LONG ISLAND CITY	S102149984	21ST STREET SUB-STATION	21ST STREET SUB-STATION		NY Spills, NY Hist Spills
LONG ISLAND CITY	1009235089	NYS DEC SPILLS	47 40 21ST STREET	11101	NY MANIFEST
LONG ISLAND CITY	S103573203	MANHOLE 19531	23RD STREET BTWN 30TH RD		NY Spills, NY Hist Spills
LONG ISLAND CITY	1001489235	MTA NYCT QUEENS BLVD PLAZA STATION	27TH ST & QUEENS BLVD	11101	RCRA-SQG, FINDS, NY MANIFEST
LONG ISLAND CITY	S106469602		27TH ST		NY Spills
LONG ISLAND CITY	S103828775	MANHOLE #1593	33RD ST / HUNTERS POINT A		NY Spills, NY Hist Spills
LONG ISLAND CITY	1004758973	NYCDOT - 39TH STREET BRIDGE	39TH ST BRG OVER SUNNYSIDE RR	11101	RCRA-SQG, FINDS, NY MANIFEST
LONG ISLAND CITY	1009226320	UNITED STATES POSTAL SERVICE	43-1010TH STREET		NY MANIFEST
LONG ISLAND CITY	S102146849	59TH STREET BRIDGE	59TH STREET BRIDGE		NY Spills, NY Hist Spills
LONG ISLAND CITY	2005609366	59TH STREET BRIDGE	59TH STREET BRIDGE	11101	ERNS
LONG ISLAND CITY	S102147043	ACROSS FROM E. 42ND STREE	ACROSS FROM E 42ND STREET		NY Spills, NY Hist Spills
LONG ISLAND CITY	S106002734	FRESH DIRECT	23-30 BORDEN AVE	11101	NY Spills
LONG ISLAND CITY	U003031030	CASE PAPER COMPANY, INC.	23-30 BORDEN AVENUE	11101	UST
LONG ISLAND CITY	S102147732	BORDEN AVENUE	BORDEN AVENUE		NY Spills, NY Hist Spills
LONG ISLAND CITY	S102671909	BORDEN AVE/LIRR PASS YARD	BORDEN AVE/LIRR PASS YARD		NY Spills, NY Hist Spills
LONG ISLAND CITY	S100493549	QUEENS MIDTOWN TUNNEL	BORDEN / 2ND ST		LTANKS, NY Hist Spills, HIST
					LTANKS
LONG ISLAND CITY	S102141402	BORDEN AVE/LIRR PAS YARD	BORDEN AVE/LIRR PAS YARD		NY Spills, NY Hist Spills
LONG ISLAND CITY	S102147574	BORDEN AVE /LIC PASS YARD	BORDEN AVE /LIC PASS YARD		NY Spills, NY Hist Spills
LONG ISLAND CITY	S106868550	BORDEN AVE CROSSING	BORDEN AVE CROSSING		NY Spills
LONG ISLAND CITY	S104790582	LONG ISLAND RR YARD	BORDEN AVE		NY Spills, NY Hist Spills
LONG ISLAND CITY	S102143208	11-09 BORDEN AVE	11009 BORDEN AVE		NY Spills, NY Hist Spills
LONG ISLAND CITY	1004760512	QUEENS WEST DEVELOPMENT CORP	CENTER BLVD 48TH TO 50TH AVE	11101	RCRA-SQG, FINDS, NY MANIFEST
LONG ISLAND CITY	1009231834	STERNBERGER WAREHOUSE	45-55 PEARSON ST	11101	NY MANIFEST
LONG ISLAND CITY	S106969741	STREET SPILL	28901 REVIEW AVE		NY Spills
LONG ISLAND CITY	1009228705	ANTHONY CONCRETE SUPPLY CORP	47-17 27TH ST	11101	NY MANIFEST
LONG ISLAND CITY	S102149679	23-64 27TH STREET	23064 27TH STREET		NY Spills, NY Hist Spills
LONG ISLAND CITY	1009227020	WORLD WIDE RECOVERY SYSTEMS	38-72 13TH STREET	11101	NY MANIFEST
LONG ISLAND CITY	1009232220	ECLADOR INTERNATIONAL CORPORATION	43-10 23RD STREET	11101	NY MANIFEST
LONG ISLAND CITY	S107657734	RESIDENCE	47-33 5TH STREET	11101	NY Spills
LONG ISLAND CITY	S107658603	COMMERCIAL BUILDING	41-38 37TH STREET	11101	LTANKS
LONG ISLAND CITY	1009232037	GIBRALTAR CORPORATION OF AMERICA	34-19 10TH STREET		NY MANIFEST
LONG ISLAND CITY	1009234539	NYNEX	44-21 9TH STREET		NY MANIFEST
LONG ISLAND CITY	S106969562	QUEENS WEST DEVELOPMENT	5TH STREET / ANNABELLE BA		NY Spills
LONG ISLAND CITY	1009226796	ENVIRONMENTAL CONTROL & MANAGEMENT	VANDAM / BORDEN AVENUE	11101	NY MANIFEST
NEW YORK	1007371337	NYSDOT BRIDGE BIN 107701A	RAMP FROM E 139TH ST OVERPASS	11101	RCRA-LQG, NY MANIFEST
NEW YORK CITY	1007207184	V1876	E/S 35TH STREET 285' S/O 34TH	11101	RCRA-SQG, NY MANIFEST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK CITY	1007206911	VS5039	36TH STREET W 40' N 30TH AVENU	11101	RCRA-SQG, NY MANIFEST
QUEENS	1000890182	NYCDOT BRIDGE BIN 2247290	49TH AVE BRIDGE OVER LIRR &	11101	RCRA-SQG, FINDS, NY MANIFEST
QUEENS	1009225703	FABRICLEAN	1139 50TH AVE	11101	NY MANIFEST
QUEENS	1000990278	CASE PAPER CO INC	23-30 BORDEN AVE	11101	RCRA-SQG, FINDS, NY MANIFEST
QUEENS	1009239522	CONSOLIDATED EDISON	PEARSON ST / JACKSON AVE	11101	NY MANIFEST
QUEENS	1009225833	PEPSI COLA VENDING DEPT PAINT SHOP	4600 5TH STREET	11101	NY MANIFEST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D009	MERCURY
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/27/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/14/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 03/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/05/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/12/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/02/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/29/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/16/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 10/15/2002
Date Made Active in Reports: 10/30/2002
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: No Update Planned

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/03/2006
Date Data Arrived at EDR: 05/03/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Semi-Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 05/03/2006
Date Data Arrived at EDR: 05/03/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWTIRE: Registered Waste Tire Storage & Facility List

Date of Government Version: 04/01/2004	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/19/2004	Telephone: 518-402-8694
Date Made Active in Reports: 06/25/2004	Last EDR Contact: 05/19/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/14/2006
	Data Release Frequency: Annually

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 04/05/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/06/2006	Telephone: 518-402-9549
Date Made Active in Reports: 05/17/2006	Last EDR Contact: 04/06/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 06/02/2006
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/02/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 04/20/2006
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 04/05/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/06/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/15/2004
Date Data Arrived at EDR: 06/15/2004
Date Made Active in Reports: 07/29/2004
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 05/21/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 12/30/2005
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 06/15/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 03/22/2006
Date Data Arrived at EDR: 03/22/2006
Date Made Active in Reports: 04/20/2006
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 05/09/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 09/13/2004
Date Made Active in Reports: 10/18/2004
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

Date of Government Version: 03/28/2006
Date Data Arrived at EDR: 04/03/2006
Date Made Active in Reports: 04/27/2006
Number of Days to Update: 24

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

Date of Government Version: 03/28/2006
Date Data Arrived at EDR: 04/03/2006
Date Made Active in Reports: 04/27/2006
Number of Days to Update: 24

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: No Update Planned

Storage Tank Database

Date of Government Version: 05/25/2004
Date Data Arrived at EDR: 06/08/2004
Date Made Active in Reports: 07/29/2004
Number of Days to Update: 51

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

Storage Tank Database

Date of Government Version: 05/25/2004
Date Data Arrived at EDR: 06/08/2004
Date Made Active in Reports: 07/29/2004
Number of Days to Update: 51

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

Registered Tank Database

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: No Update Planned

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 30

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

Date of Government Version: 04/21/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 28

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

Date of Government Version: 06/21/2005
Date Data Arrived at EDR: 09/19/2005
Date Made Active in Reports: 11/03/2005
Number of Days to Update: 45

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 06/02/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

Storage Tank Database

Date of Government Version: 06/21/2005
Date Data Arrived at EDR: 09/19/2005
Date Made Active in Reports: 11/03/2005
Number of Days to Update: 45

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 06/02/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Varies

Listing of Storage Tanks

Listing of underground storage tanks in Westchester County.

Date of Government Version: 05/05/2005
Date Data Arrived at EDR: 05/31/2005
Date Made Active in Reports: 06/30/2005
Number of Days to Update: 30

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

50-09 27TH STREET
50-09 27TH STREET
LONG ISLAND CITY, NY 11101

TARGET PROPERTY COORDINATES

Latitude (North):	40.74010 - 40° 44' 24.4"
Longitude (West):	73.9421 - 73° 56' 31.6"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	589322.8
UTM Y (Meters):	4510233.0
Elevation:	5 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995
North Map:	40073-G8 CENTRAL PARK, NY
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

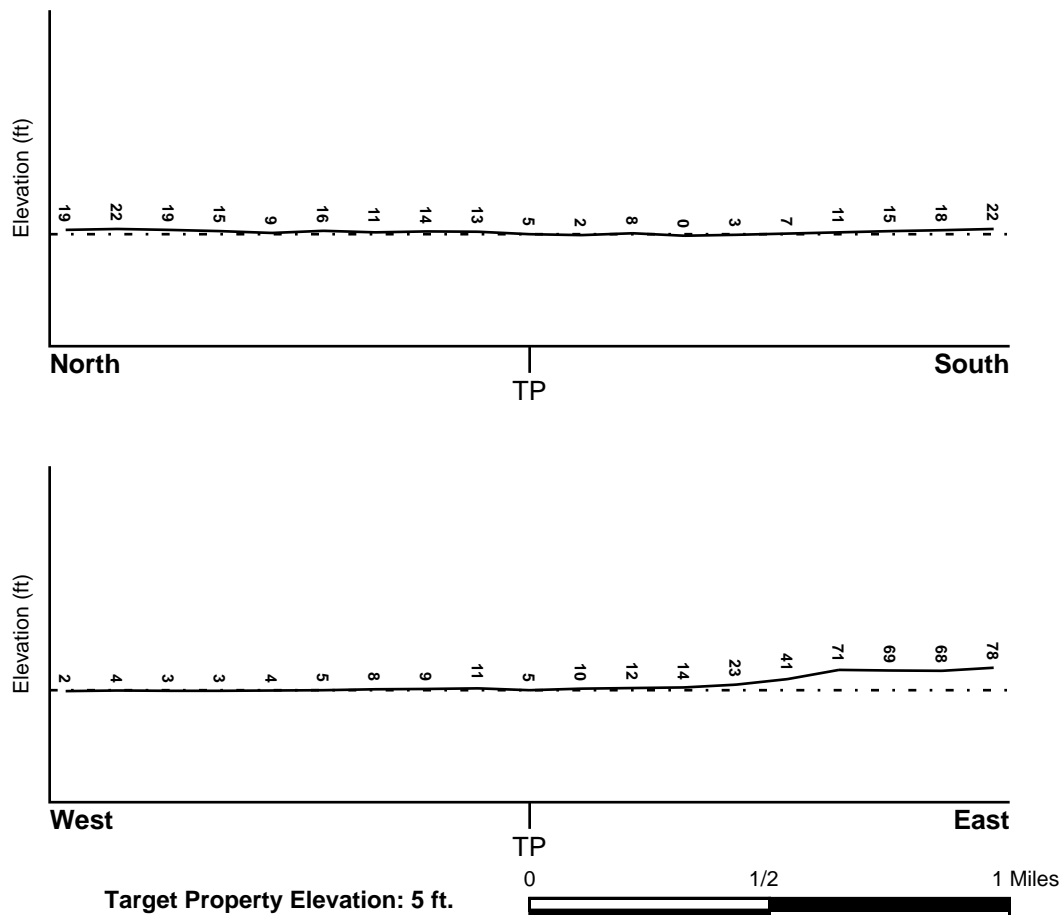
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
QUEENS, NY	<u>Electronic Data</u>
	Not Available

Flood Plain Panel at Target Property: 3604970040B

Additional Panels in search area: 3604970039B
3604970047B
3604970048B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
BROOKLYN	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovician
Series:	Ordovician
Code:	Oe (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy sand
silt loam
sandy loam
fine sandy loam

Surficial Soil Types: loamy sand
silt loam
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: very gravelly - loamy sand
unweathered bedrock
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS2116860	1/4 - 1/2 Mile East
A2	USGS2116678	1/4 - 1/2 Mile East
3	USGS2116593	1/4 - 1/2 Mile NNW
4	USGS2116688	1/4 - 1/2 Mile West
5	USGS2117046	1/4 - 1/2 Mile SSW
6	USGS2116425	1/4 - 1/2 Mile NNE
7	USGS2116570	1/4 - 1/2 Mile ENE
8	USGS2116497	1/4 - 1/2 Mile North
9	USGS2116841	1/4 - 1/2 Mile West
10	USGS2117116	1/4 - 1/2 Mile South
11	USGS2116571	1/2 - 1 Mile WNW
12	USGS2116506	1/2 - 1 Mile NNW
13	USGS2116694	1/2 - 1 Mile East
14	USGS2116900	1/2 - 1 Mile WSW
15	USGS2382631	1/2 - 1 Mile NE
16	USGS2117352	1/2 - 1 Mile South
17	USGS2117274	1/2 - 1 Mile SE
18	USGS2117351	1/2 - 1 Mile SSE
19	USGS2116995	1/2 - 1 Mile ESE
20	USGS2116899	1/2 - 1 Mile ESE
21	USGS2116664	1/2 - 1 Mile East
22	USGS2116496	1/2 - 1 Mile ENE
23	USGS2116217	1/2 - 1 Mile NNE
24	USGS2116938	1/2 - 1 Mile WSW
25	USGS2117172	1/2 - 1 Mile WSW
26	USGS2116629	1/2 - 1 Mile WNW
27	USGS2116725	1/2 - 1 Mile West
28	USGS2117350	1/2 - 1 Mile SE
29	USGS2116264	1/2 - 1 Mile North
30	USGS2116268	1/2 - 1 Mile NNE
31	USGS2116545	1/2 - 1 Mile ENE
32	USGS2116617	1/2 - 1 Mile ENE
33	USGS2117444	1/2 - 1 Mile SE
B34	USGS2116455	1/2 - 1 Mile ENE
B35	USGS2116495	1/2 - 1 Mile ENE
36	USGS2116291	1/2 - 1 Mile NNE
37	USGS2116263	1/2 - 1 Mile NE
38	USGS2117045	1/2 - 1 Mile ESE
39	USGS2116269	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID

No Wells Found

WELL ID

LOCATION
FROM TP

PHYSICAL SETTING SOURCE MAP - 1700370.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

0 1/4 1/2 1 Miles

SITE NAME: 50-09 27th Street
 ADDRESS: 50-09 27th Street
 Long Island City NY 11101
 LAT/LONG: 40.7401 / 73.9421

CLIENT: CA Rich Consultants, Inc.
 CONTACT: Michael Yager
 INQUIRY #: 1700370.2s
 DATE: June 20, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
East
1/4 - 1/2 Mile
Higher

FED USGS USGS2116860

Agency cd:	USGS	Site no:	404424073561501
Site name:	Q 1638. 1		
Latitude:	404424		
Longitude:	0735615	Dec lat:	40.740102
Dec lon:	-73.93708207	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1096	Map scale:	Not Reported
Altitude:	13.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	73.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
East
1/4 - 1/2 Mile
Higher

FED USGS USGS2116678

Agency cd:	USGS	Site no:	404426073561401
Site name:	Q 1502. 1		
Latitude:	404426		
Longitude:	0735614	Dec lat:	40.74065755
Dec lon:	-73.93680429	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1096	Map scale:	Not Reported
Altitude:	15.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	93.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2116593

Agency cd:	USGS	Site no:	404437073564201
Site name:	Q 398. 1		
Latitude:	404437		
Longitude:	0735642	Dec lat:	40.74371303
Dec lon:	-73.94458229	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1054	Map scale:	Not Reported
Altitude:	2.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	67.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
West
1/4 - 1/2 Mile
Higher

FED USGS USGS2116688

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404427073565601
Site name:	Q 17. 1		
Latitude:	404427		
Longitude:	0735656	Dec lat:	40.7409353
Dec lon:	-73.94847129	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1046	Map scale:	Not Reported
Altitude:	17.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	175.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

5

SSW

1/4 - 1/2 Mile

Lower

FED USGS

USGS2117046

Agency cd:	USGS	Site no:	404407073564401
Site name:	K 692. 1		
Latitude:	404407		
Longitude:	0735644	Dec lat:	40.73537986
Dec lon:	-73.94513786	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1059	Map scale:	Not Reported
Altitude:	3.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	88.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

6

NNE

1/4 - 1/2 Mile
Higher

FED USGS

USGS2116425

Agency cd:	USGS	Site no:	404442073561801
Site name:	Q 171. 1		
Latitude:	404442		
Longitude:	0735618	Dec lat:	40.7451019
Dec lon:	-73.93791544	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1084	Map scale:	Not Reported
Altitude:	46.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	500.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

7

ENE

1/4 - 1/2 Mile
Higher

FED USGS

USGS2116570

Agency cd:	USGS	Site no:	404435073560801
Site name:	Q 1632. 1		
Latitude:	404435		
Longitude:	0735608	Dec lat:	40.7431575
Dec lon:	-73.93513758	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1005	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	18.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	63.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

8
North
1/4 - 1/2 Mile
Higher

FED USGS USGS2116497

Agency cd:	USGS	Site no:	404446073563501
Site name:	Q 1738. 1		
Latitude:	404446		
Longitude:	0735635	Dec lat:	40.74621298
Dec lon:	-73.9426378	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1063	Map scale:	Not Reported
Altitude:	15.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	146.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

9

West
1/4 - 1/2 Mile
Lower

FED USGS USGS2116841

Agency cd:	USGS	Site no:	404422073570401
Site name:	Q 395. 1		
Latitude:	404422		
Longitude:	0735704	Dec lat:	40.73954643
Dec lon:	-73.95069358	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1036	Map scale:	Not Reported
Altitude:	7.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		
	Hole depth:	74.	
	Project number:	Not Reported	
	Daily flow data begin date:	Not Reported	
	Daily flow data count:	Not Reported	
	Peak flow data end date:	Not Reported	
	Water quality data begin date:	Not Reported	
	Water quality data count:	Not Reported	
	Ground water data end date:	Not Reported	

Ground-water levels, Number of Measurements: 0

10

South
1/4 - 1/2 Mile
Lower

FED USGS USGS2117116

Agency cd:	USGS	Site no:	404359073562801
Site name:	K 711. 1		
Latitude:	404359		
Longitude:	0735628	Dec lat:	40.73315769
Dec lon:	-73.94069328	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1170	Map scale:	Not Reported
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	74.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2116571

Agency cd:	USGS	Site no:	404435073570601
Site name:	Q 423. 1		
Latitude:	404435		
Longitude:	0735706	Dec lat:	40.74315747
Dec lon:	-73.95124915	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1035	Map scale:	Not Reported
Altitude:	17.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	69.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2116506

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404447073565301
Site name:	Q 399. 1		
Latitude:	404447		
Longitude:	0735653	Dec lat:	40.74649074
Dec lon:	-73.94763794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1043	Map scale:	Not Reported
Altitude:	13.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	68.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

13
East
1/2 - 1 Mile
Higher

FED USGS USGS2116694

Agency cd:	USGS	Site no:	404428073555701
Site name:	Q 122. 1		
Latitude:	404428		
Longitude:	0735557	Dec lat:	40.7412131
Dec lon:	-73.93208193	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1016	Map scale:	Not Reported
Altitude:	42.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	125.	Hole depth:	140.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

14 WSW 1/2 - 1 Mile Higher

FED USGS USGS2116900

Agency cd:	USGS	Site no:	404411073570601
Site name:	K 465. 1		
Latitude:	404411		
Longitude:	0735706	Dec lat:	40.73649094
Dec lon:	-73.95124915	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1038	Map scale:	Not Reported
Altitude:	10.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	400.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

15 NE 1/2 - 1 Mile Higher

FED USGS USGS2382631

Agency cd:	USGS	Site no:	404443073560101
Site name:	Q 2333. 1		
Latitude:	404443		
Longitude:	0735601	Dec lat:	40.74537969
Dec lon:	-73.93319308	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1003	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	25.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	37.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

16
South
1/2 - 1 Mile
Higher

FED USGS USGS2117352

Agency cd:	USGS	Site no:	404351073563501
Site name:	K 579. 1		
Latitude:	404351		
Longitude:	0735635	Dec lat:	40.73093551
Dec lon:	-73.94263778	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1161	Map scale:	Not Reported
Altitude:	7.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	82.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

17
SE
1/2 - 1 Mile
Higher

FED USGS USGS2117274

Agency cd:	USGS	Site no:	404357073555701
Site name:	Q 391. 1		
Latitude:	404357		
Longitude:	0735557	Dec lat:	40.73260216
Dec lon:	-73.93208192	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1110	Map scale:	Not Reported
Altitude:	62.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	197.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
SSE
1/2 - 1 Mile
Higher

FED USGS USGS2117351

Agency cd:	USGS	Site no:	404351073560501
Site name:	Q 390. 1		
Latitude:	404351		
Longitude:	0735605	Dec lat:	40.73093552
Dec lon:	-73.93430421	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1101	Map scale:	Not Reported
Altitude:	23.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	211.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

19
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2116995

Agency cd:	USGS	Site no:	404403073554901
Site name:	Q 392. 1		
Latitude:	404403		
Longitude:	0735549	Dec lat:	40.7342688
Dec lon:	-73.92985964	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1029	Map scale:	Not Reported
Altitude:	65.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	166.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

20
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2116899

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404411073554201
Site name:	Q 394. 1		
Latitude:	404411		
Longitude:	0735542	Dec lat:	40.73649098
Dec lon:	-73.92791514	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1038	Map scale:	Not Reported
Altitude:	48.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	175.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

21
East
1/2 - 1 Mile
Higher

FED USGS USGS2116664

Agency cd:	USGS	Site no:	404425073553901
Site name:	Q 387. 1		
Latitude:	404425		
Longitude:	0735539	Dec lat:	40.7403798
Dec lon:	-73.92708179	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1036	Map scale:	Not Reported
Altitude:	64.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	176.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

22
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2116496

Agency cd:	USGS	Site no:	404446073554701
Site name:	Q 1258. 1		
Latitude:	404446		
Longitude:	0735547	Dec lat:	40.74621301
Dec lon:	-73.92930408	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1023	Map scale:	Not Reported
Altitude:	55.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	63.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

23
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2116217

Agency cd:	USGS	Site no:	404500073560601
Site name:	Q 2445. 1		
Latitude:	404500		
Longitude:	0735606	Dec lat:	40.75010181
Dec lon:	-73.93458201	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1001	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	26.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	110.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

24
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2116938

Agency cd:	USGS	Site no:	404413073572601
Site name:	K 2227. 1		
Latitude:	404413		
Longitude:	0735726	Dec lat:	40.73704647
Dec lon:	-73.95680486	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1008	Map scale:	Not Reported
Altitude:	10.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	50.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

25
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2117172

Agency cd:	USGS	Site no:	404401073571901
Site name:	K 710. 1		
Latitude:	404401		
Longitude:	0735719	Dec lat:	40.73371321
Dec lon:	-73.95486036	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1019	Map scale:	Not Reported
Altitude:	13.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

26
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2116629

Agency cd:	USGS	Site no:	404440073572401
Site name:	Q 966. 1		
Latitude:	404440		
Longitude:	0735724	Dec lat:	40.74454632
Dec lon:	-73.9562493	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1004	Map scale:	Not Reported
Altitude:	8.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	200.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

27
West
1/2 - 1 Mile
Higher

FED USGS USGS2116725

Agency cd:	USGS	Site no:	404430073572801
Site name:	Q 422. 1		
Latitude:	404430		
Longitude:	0735728	Dec lat:	40.74176859
Dec lon:	-73.95736044	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1005	Map scale:	Not Reported
Altitude:	7.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	66.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

28
SE
1/2 - 1 Mile
Higher

FED USGS USGS2117350

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404351073555801
Site name:	Q 603. 1		
Latitude:	404351		
Longitude:	0735558	Dec lat:	40.73093553
Dec lon:	-73.93235971	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1111	Map scale:	Not Reported
Altitude:	69.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	202.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

29
North
1/2 - 1 Mile
Higher

FED USGS USGS2116264

Agency cd:	USGS	Site no:	404506073564201
Site name:	Q 962. 1		
Latitude:	404506		
Longitude:	0735642	Dec lat:	40.75176843
Dec lon:	-73.94458229	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1050	Map scale:	Not Reported
Altitude:	20.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	195.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

30
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2116268

Agency cd:	USGS	Site no:	404507073552001
Site name:	Q 2721. 1		
Latitude:	404507		
Longitude:	0735620	Dec lat:	40.75204621
Dec lon:	-73.938471	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1080	Map scale:	Not Reported
Altitude:	35.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Lower Hudson. Connecticut, New Jersey, New York. Area = 720 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	300.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-09-28
Water quality data end date:	1975-09-28	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

31
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2116545

Agency cd:	USGS	Site no:	404433073553601
Site name:	Q 388. 1		
Latitude:	404433		
Longitude:	0735536	Dec lat:	40.74260198
Dec lon:	-73.92624843	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1035	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	70.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	203.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

32
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2116617

Agency cd:	USGS	Site no:	404439073553401
Site name:	Q 1098. 1		
Latitude:	404439		
Longitude:	0735534	Dec lat:	40.74426861
Dec lon:	-73.92569286	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1044	Map scale:	Not Reported
Altitude:	72.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	215.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

33
SE
1/2 - 1 Mile
Higher

FED USGS USGS2117444

Agency cd:	USGS	Site no:	404345073555701
Site name:	Q 393. 1		
Latitude:	404345		
Longitude:	0735557	Dec lat:	40.72926889
Dec lon:	-73.93208192	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1112	Map scale:	Not Reported
Altitude:	17.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	170.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B34
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2116455

Agency cd:	USGS	Site no:	404444073553501
Site name:	Q 425. 1		
Latitude:	404444		
Longitude:	0735535	Dec lat:	40.74565747
Dec lon:	-73.92597065	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1043	Map scale:	Not Reported
Altitude:	75.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	159.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B35
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2116495

Agency cd:	USGS	Site no:	404446073553501
Site name:	Q 453. 1		
Latitude:	404446		
Longitude:	0735535	Dec lat:	40.74621302
Dec lon:	-73.92597065	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1043	Map scale:	Not Reported
Altitude:	68.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	147.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

36
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2116291

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404510073560402
Site name:	Q 3122. 2		
Latitude:	404510		
Longitude:	0735604	Dec lat:	40.75287954
Dec lon:	-73.93402643	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	CENTRAL PARK R-25-4	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	20000614
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	55.0	Hole depth:	55.0
Source of depth data:	owner	Project number:	443600240
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2000-07-24	Ground water data end date:	2005-02-23
Ground water data count:	54		

Ground-water levels, Number of Measurements: 54

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-23		14.42	2004-12-17		14.55
2004-11-17		14.54	2004-10-26		14.52
2004-09-22		14.49	2004-08-24		14.35
2004-07-22		14.13	2004-06-23		14.03
2004-05-25		14.13	2004-04-29		14.10
2004-03-17		14.12	2004-02-25		14.21
2003-12-29		14.24	2003-11-26		14.13
2003-10-30		14.14	2003-09-26		14.23
2003-08-28		14.26	2003-07-30		14.13
2003-06-26		14.16	2003-05-28		13.85
2003-04-24		13.78	2003-03-19		13.57
2003-02-26		13.54	2003-01-30		13.38
2002-12-23		13.35	2002-11-22		13.32
2002-10-23		13.10	2002-09-24		12.84
2002-08-28		12.70	2002-07-18		12.76
2002-06-26		12.80	2002-05-30		12.78
2002-04-26		12.72	2002-03-19		12.90
2002-02-26		13.05	2002-01-29		13.20
2001-12-27		13.45	2001-11-20		13.83
2001-10-23		14.58	2001-09-25		15.36
2001-08-22		15.17	2001-07-25		15.02
2001-06-27		15.06	2001-05-23		14.75
2001-04-24		14.44	2001-03-19		14.03
2001-02-26		13.78	2001-01-31		13.48
2000-12-20		12.91	2000-11-29		12.89

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-10-24		13.00	2000-09-27		12.86
2000-08-28		12.82	2000-07-24		12.56

37
NE
1/2 - 1 Mile
Higher

FED USGS USGS2116263

Agency cd:	USGS	Site no:	404506073555401
Site name:	Q 13. 1		
Latitude:	404506		
Longitude:	0735554	Dec lat:	40.75176846
Dec lon:	-73.93124857	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1010	Map scale:	Not Reported
Altitude:	24.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	89.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

38
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2117045

Agency cd:	USGS	Site no:	404407073552901
Site name:	Q 429. 1		
Latitude:	404407		
Longitude:	0735529	Dec lat:	40.7353799
Dec lon:	-73.92430392	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QF1048	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	64.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	234.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

39
NW
1/2 - 1 Mile
Higher

FED USGS USGS2116269

Agency cd:	USGS	Site no:	404507073571101
Site name:	Q 161. 1		
Latitude:	404507		
Longitude:	0735711	Dec lat:	40.75204618
Dec lon:	-73.95263808	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	081
Country:	US	Land net:	Not Reported
Location map:	QE1020	Map scale:	Not Reported
Altitude:	5.0	Altitude method:	L
Altitude accuracy:	0.1	Altitude datum:	NGVD29
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	228.
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

Zip	Num Sites	< 4 Pci/L	>= 4 Pci/L	>= 20 Pci/L	Avg > 4 Pci/L	Max Pci/L
11101	2	2 (100%)	0 (0%)	0 (0%)	0.65	1.0

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX C

Aerial Photographs



The EDR Aerial Photo Decade Package

**50-09 27th Street
50-09 27th Street
Long Island City, NY 11101**

Inquiry Number: 1700370.5

June 20, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography June 20, 2006

Target Property:

50-09 27th Street

Long Island City, NY 11101

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/Flight Date: April 04, 1994	EDR



INQUIRY #: 1700370.5

YEAR: 1954

| = 750'





INQUIRY #: 1700370.5

YEAR: 1966

| = 750'



4-1-75

INQUIRY #: 1700370.5

YEAR: 1975

— = 750'





INQUIRY #: 1700370.5

YEAR: 1984

| = 750'





INQUIRY #: 1700370.5

YEAR: 1994

| = 833'



APPENDIX D

Topographic Maps



EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**50-09 27th Street
50-09 27th Street
Long Island City, NY 11101**

Inquiry Number: 1700370.4

June 20, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

Telephone: 1-800-352-0050

Fax: 1-800-231-6802

Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900's.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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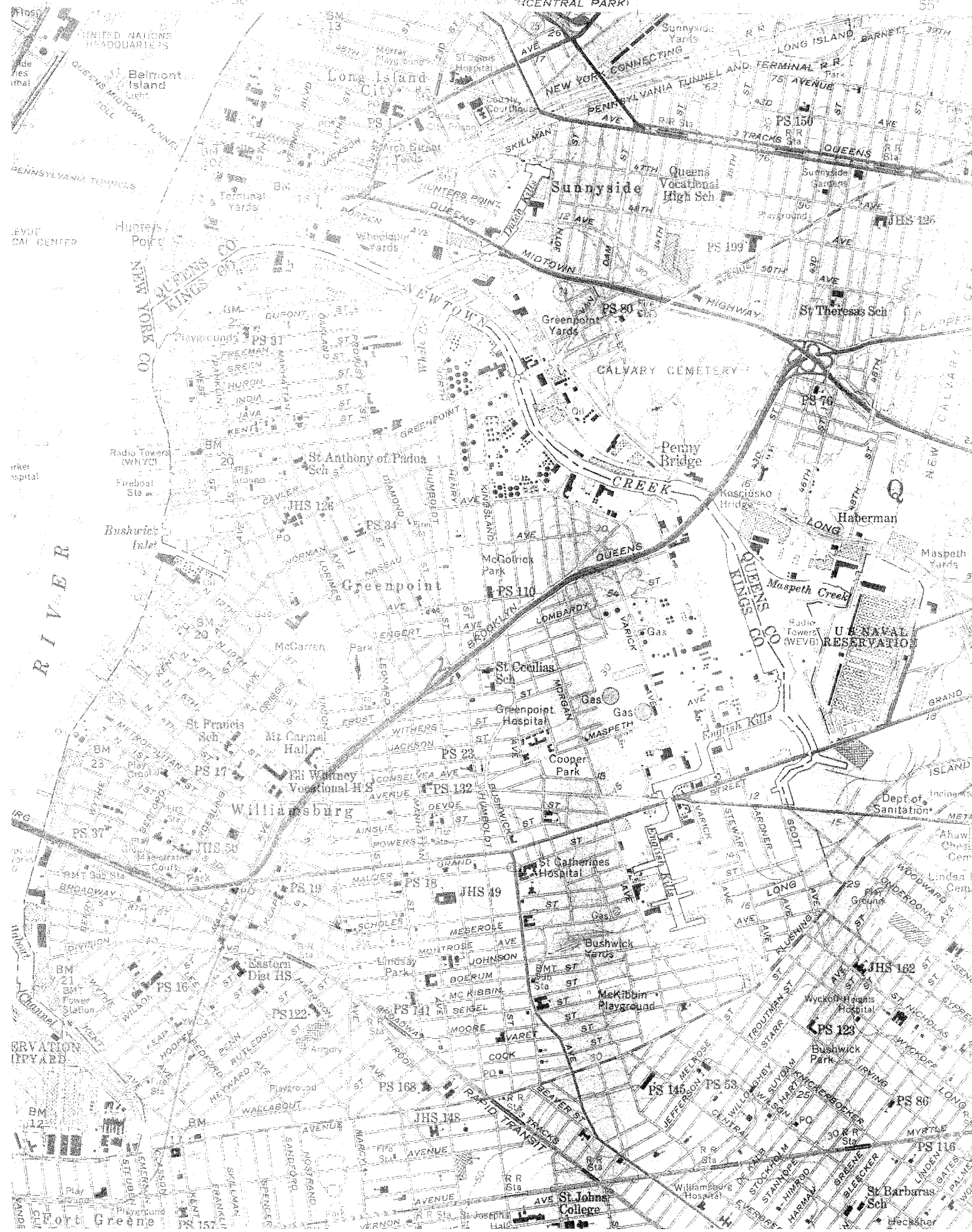
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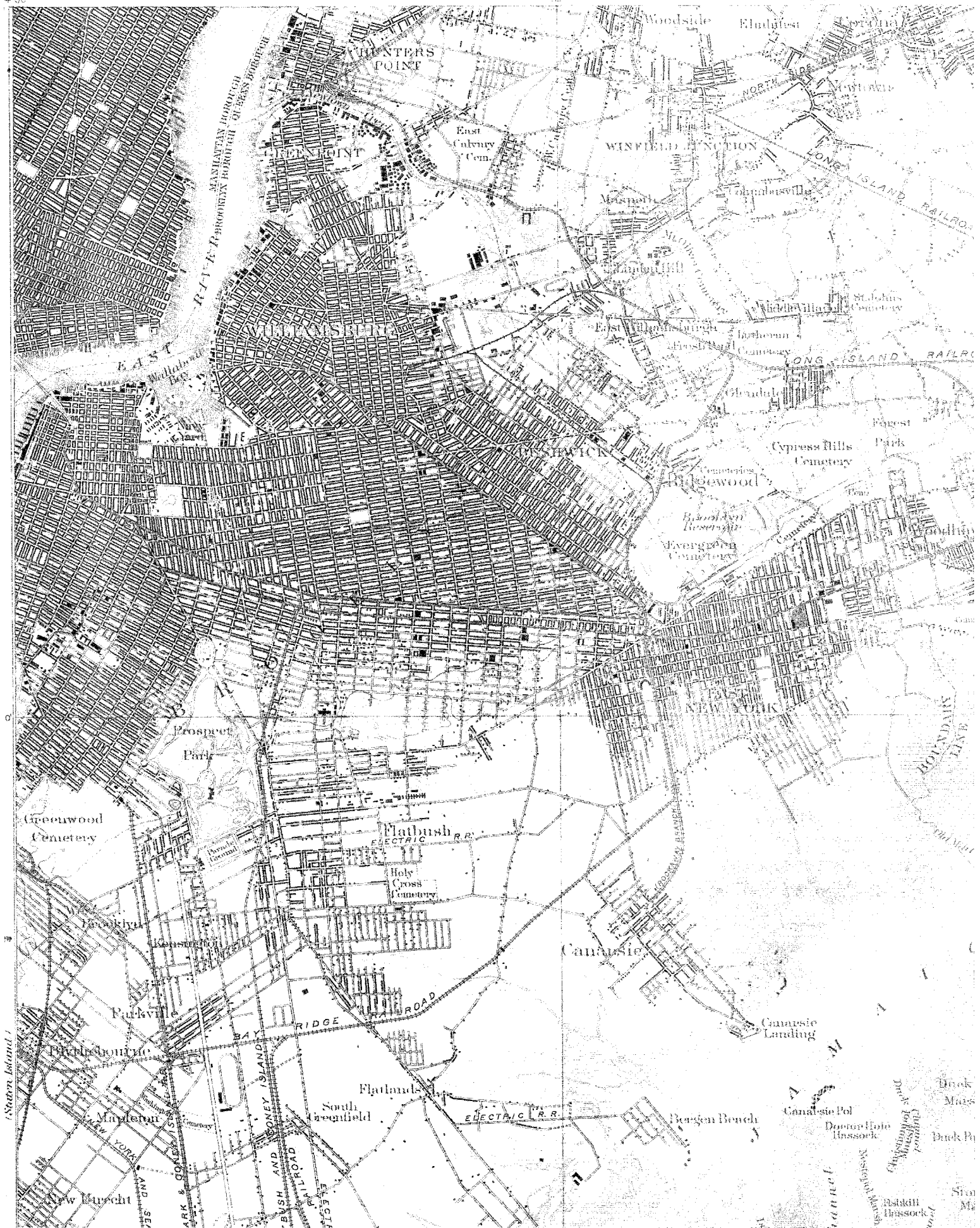












APPENDIX E

Historical Sanborn Fire Insurance Maps



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Michael Yager
CA Rich Consultants, Inc.
17 Dupont Street
Plainview, NY 11803

Order Date: 6/20/2006 **Completion Date:** 6/20/2006

Inquiry #: 1700370.3S

P.O. #: NA

Site Name: 50-09 27th Street

Address: 50-09 27th Street

City/State: Long Island City, NY 11101

Cross Streets:

Customer Project: 06-PCS-1A
1019894MIL 516-576-8844

Based on client-supplied information, fire insurance maps for the following years were identified

1898 - 1 Map	1980 - 1 Map	1993 - 1 Map
1915 - 1 Map	1985 - 1 Map	1994 - 1 Map
1936 - 1 Map	1986 - 1 Map	1995 - 1 Map
1947 - 1 Map	1988 - 1 Map	1996 - 1 Map
1950 - 1 Map	1989 - 1 Map	
1970 - 1 Map	1990 - 1 Map	
1977 - 1 Map	1991 - 1 Map	
1979 - 1 Map	1992 - 1 Map	

Limited Permission to Photocopy

Total Maps: 20

CA Rich Consultants, Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

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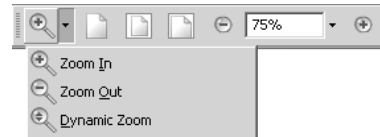
- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - On the menu bar, click "View" and then "Zoom to..."
 - Or, use the magnifying tool and drag a box around the TP



Printing a Sanborn Map From the Electronic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

- Go to the menu bar
- Click the "Select Tool"
- Draw a box around the area selected
- "Right click" on your mouse
- Select "Copy Image to Clipboard"
- Go to Word Processor such as Microsoft Word, paste and print.



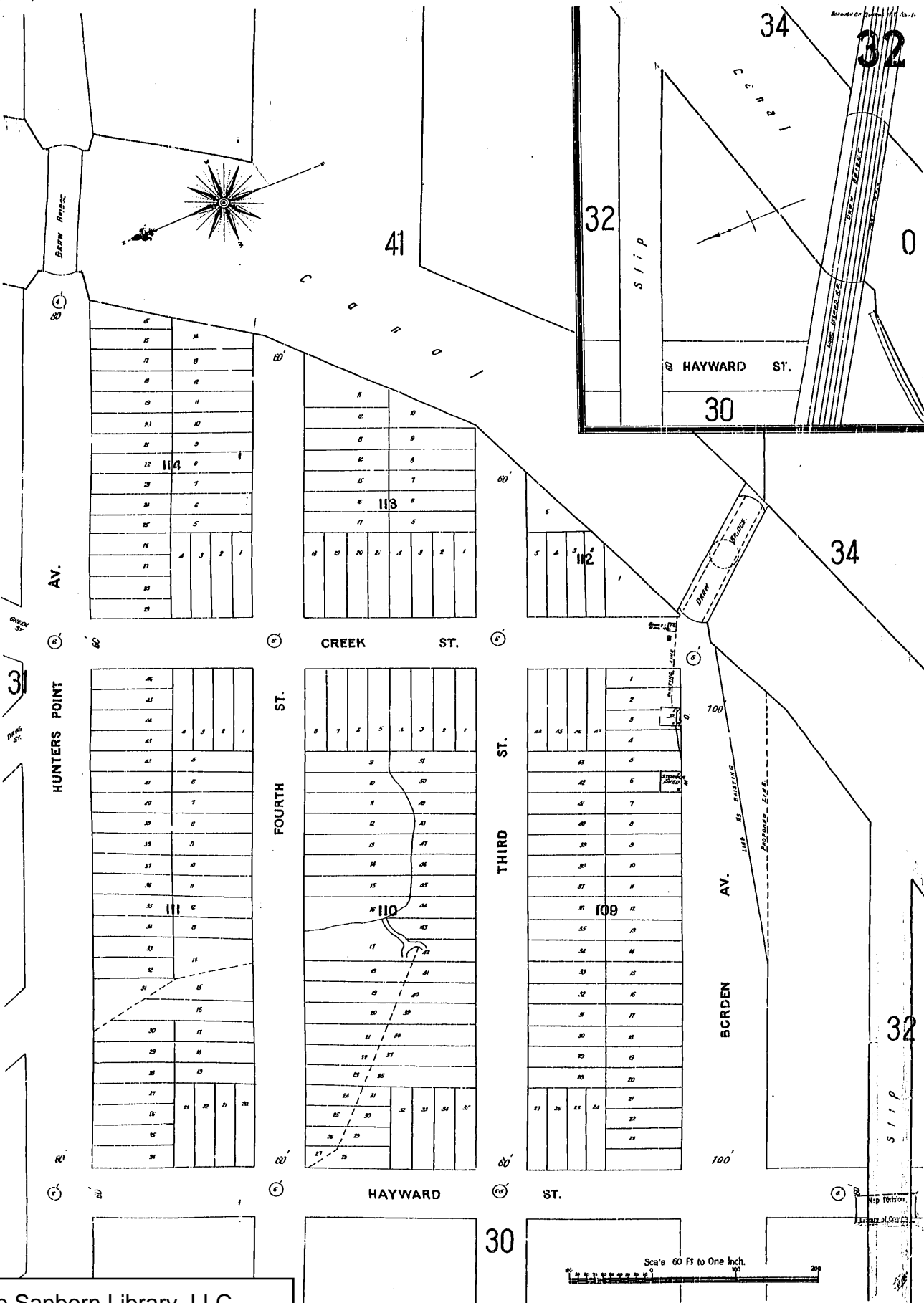
Acrobat Version 5

- Go to the menu bar
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to Word Processor such as Microsoft Word, paste and print.



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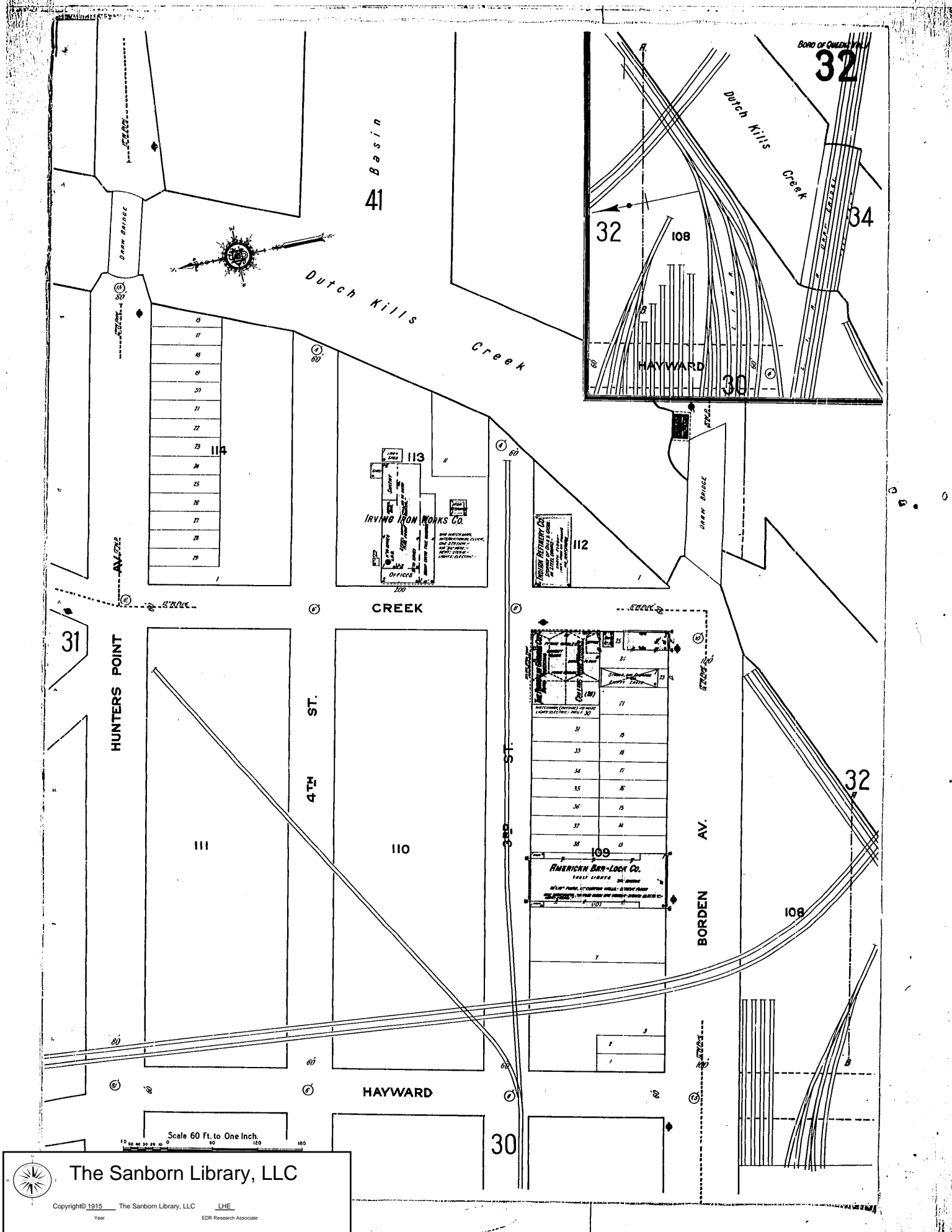
- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

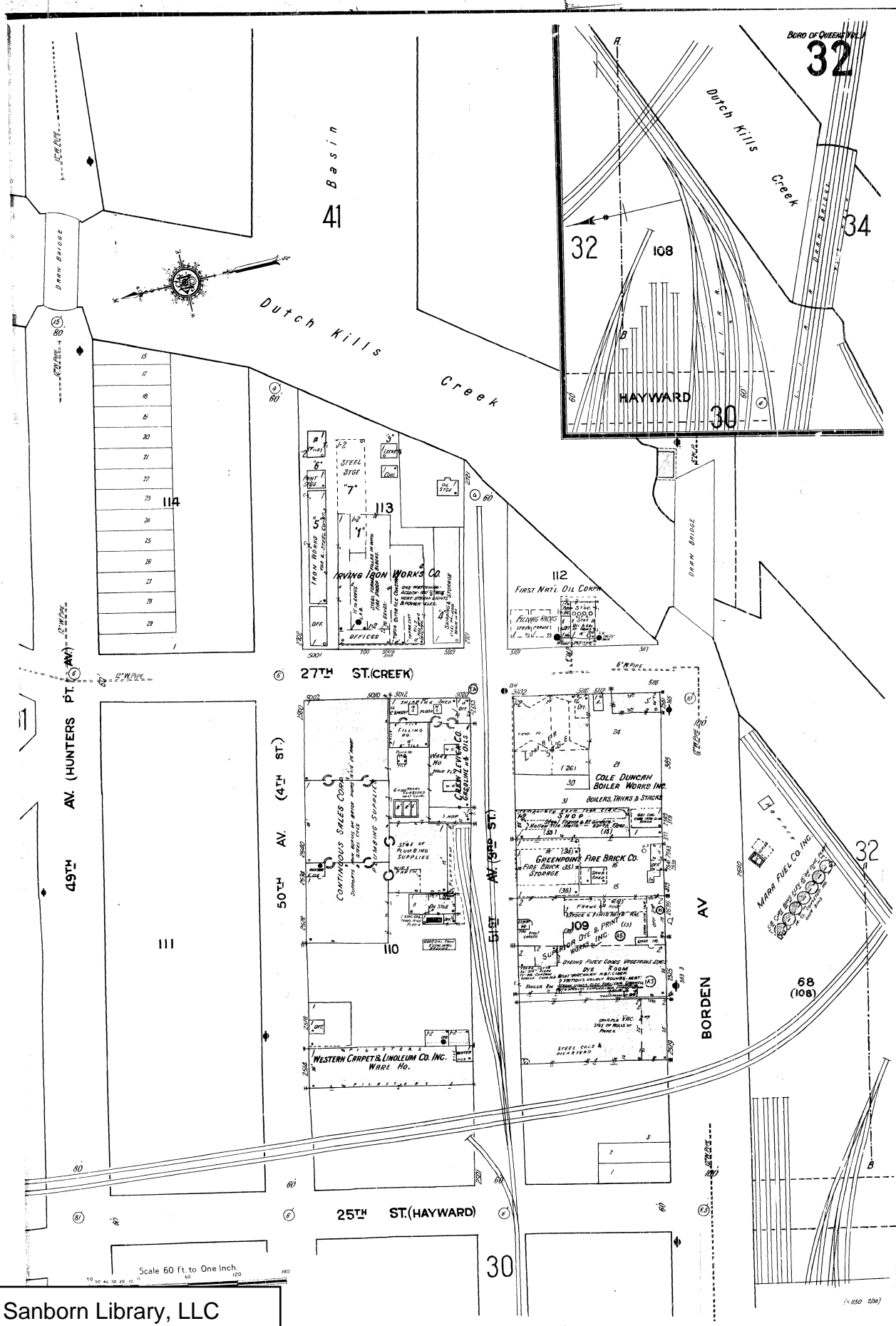


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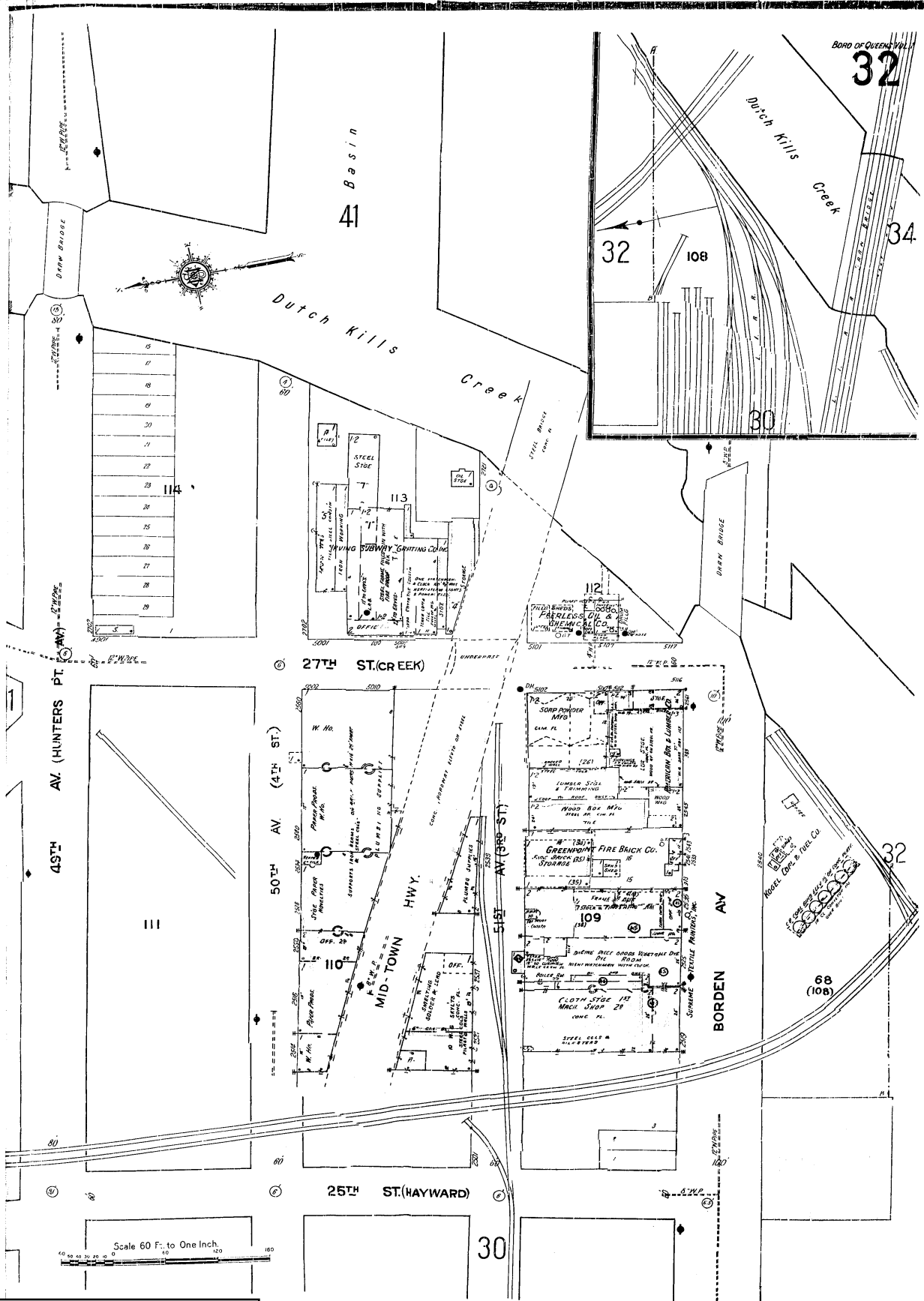




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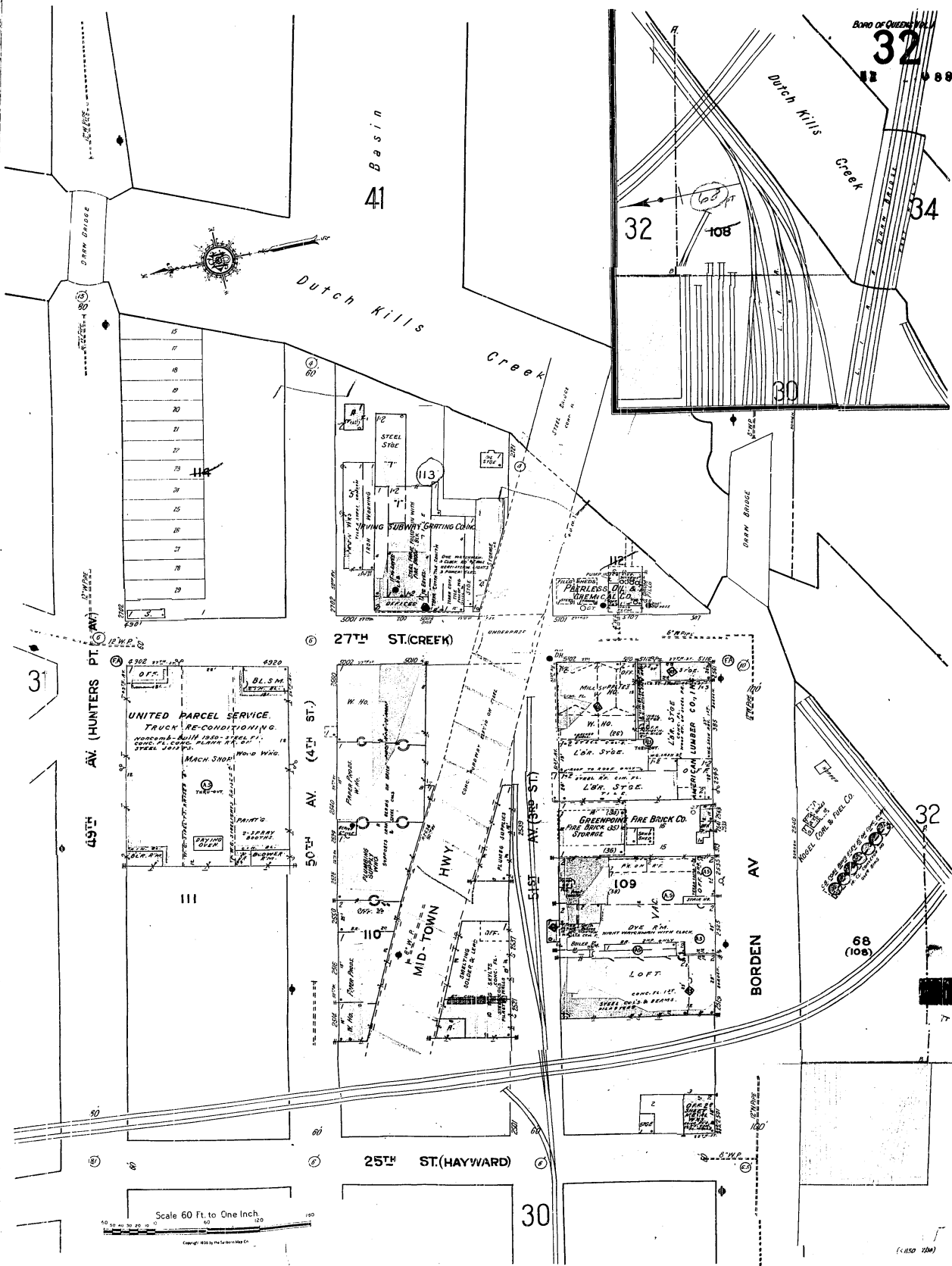
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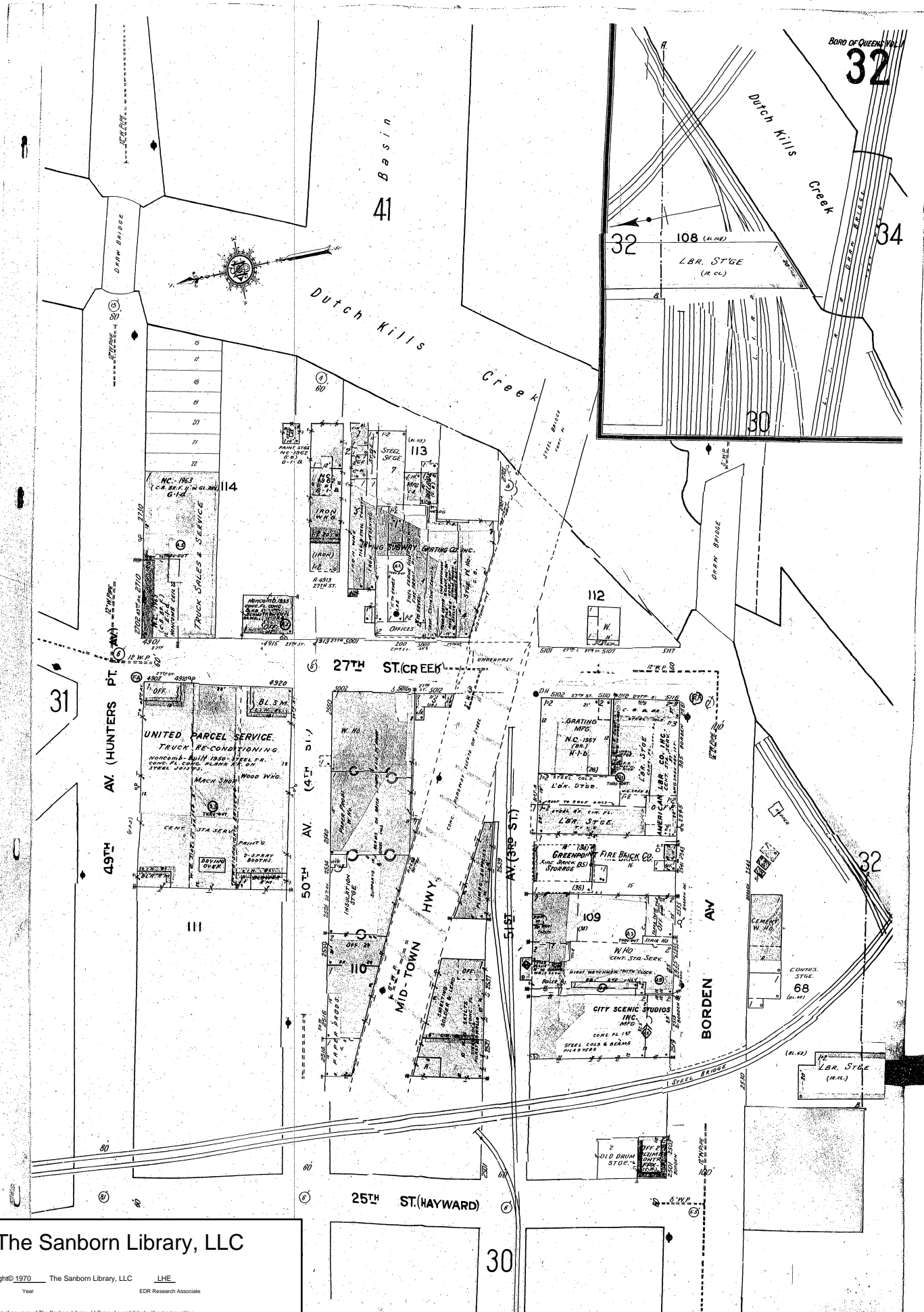


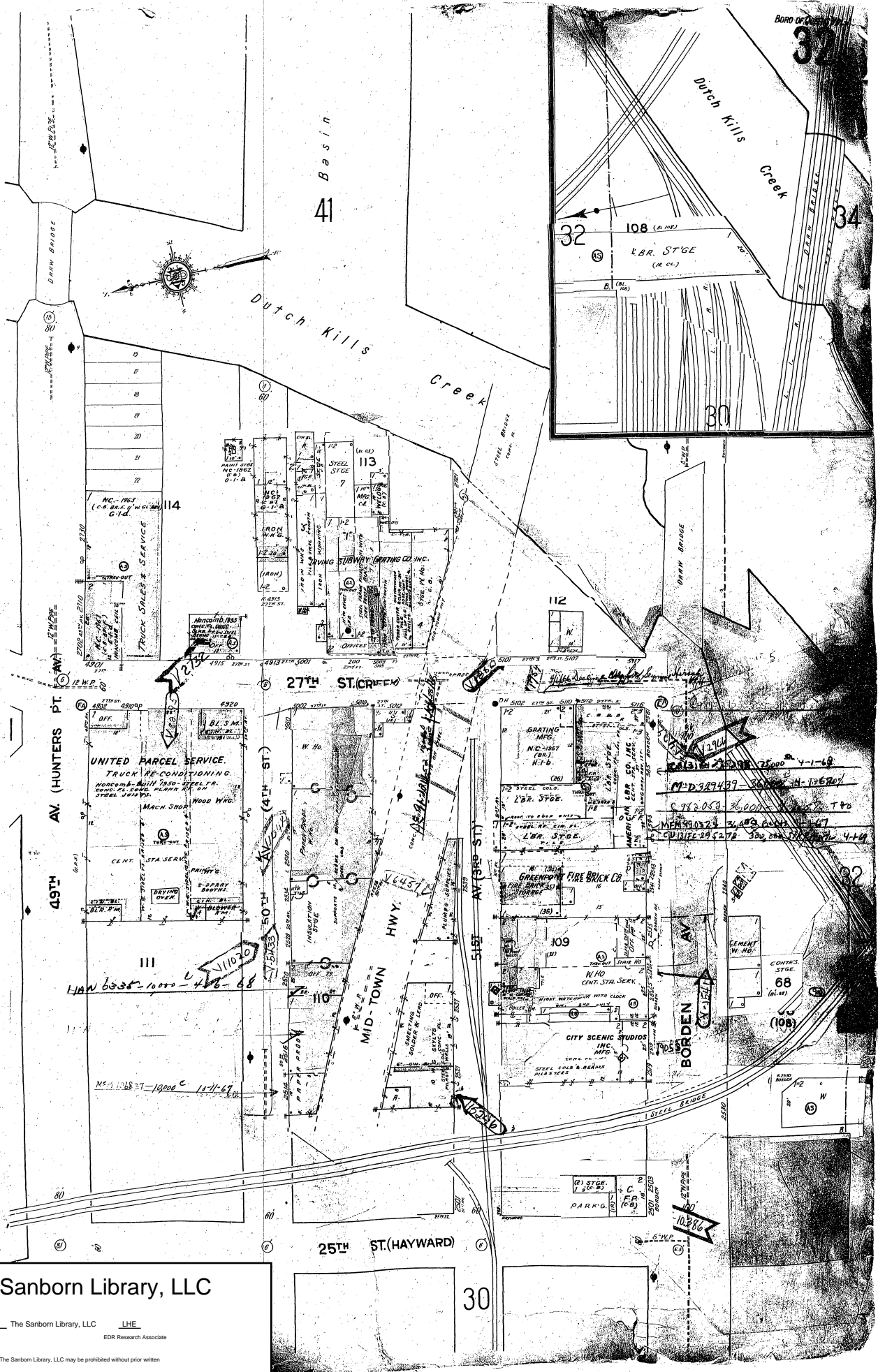
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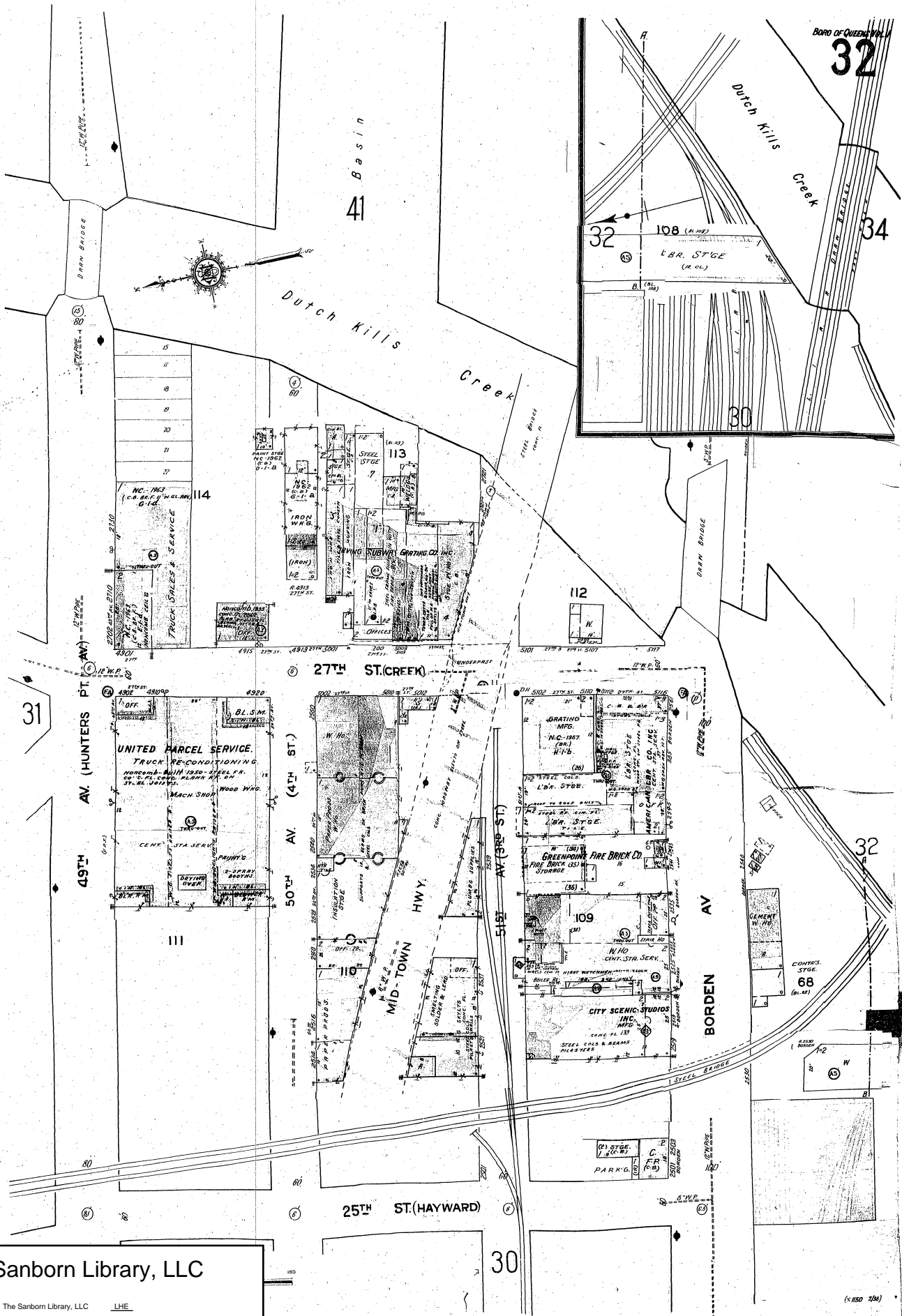
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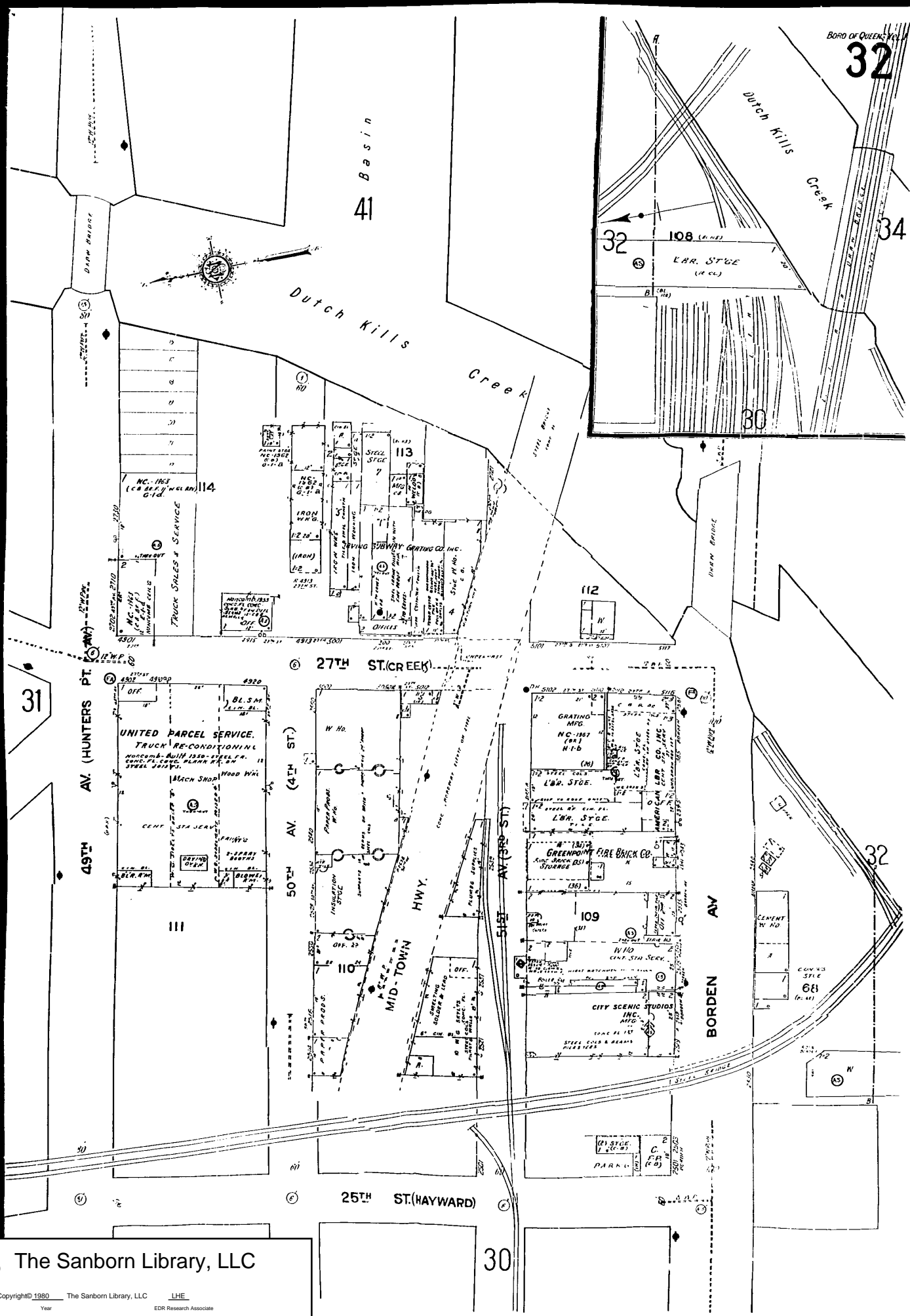
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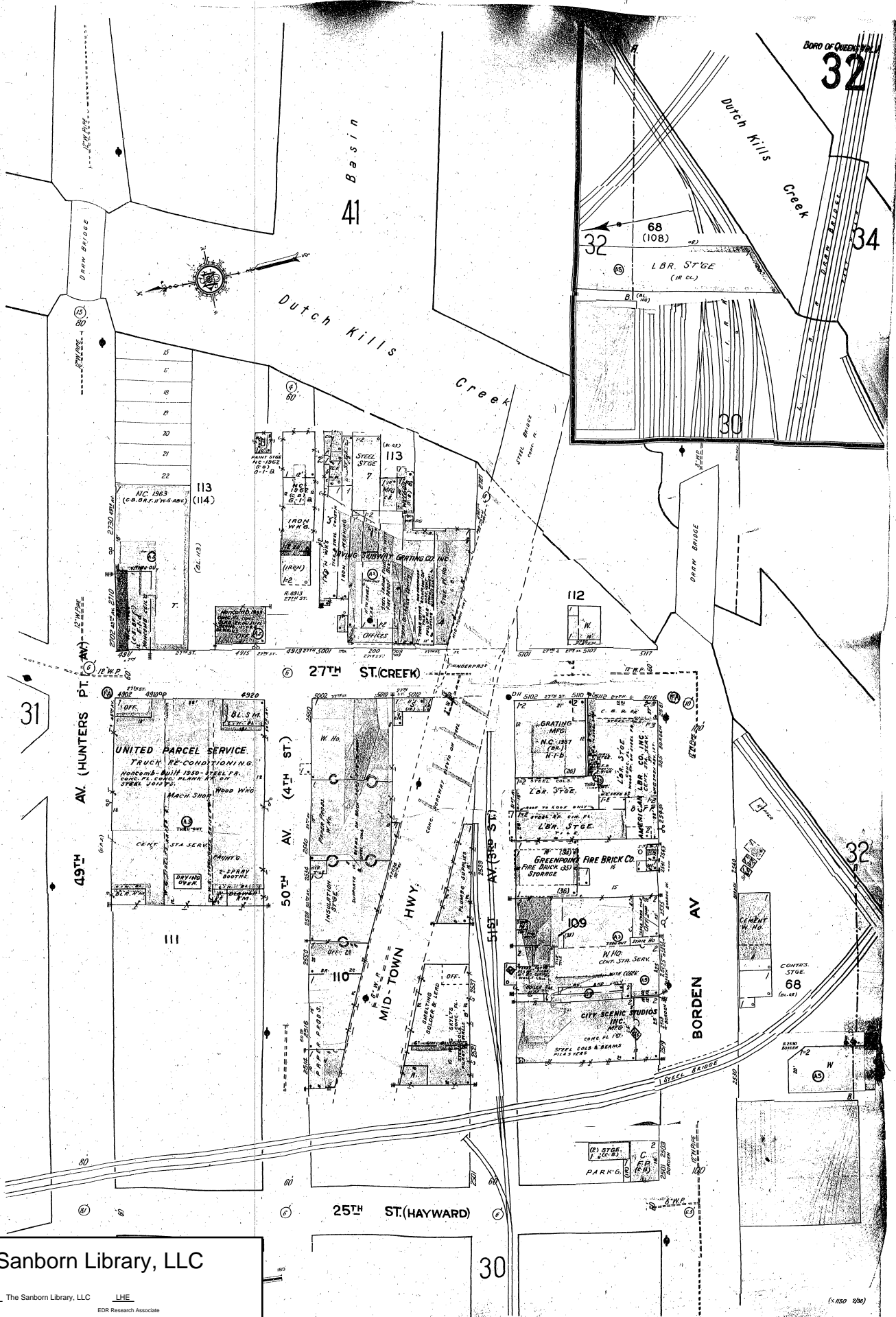


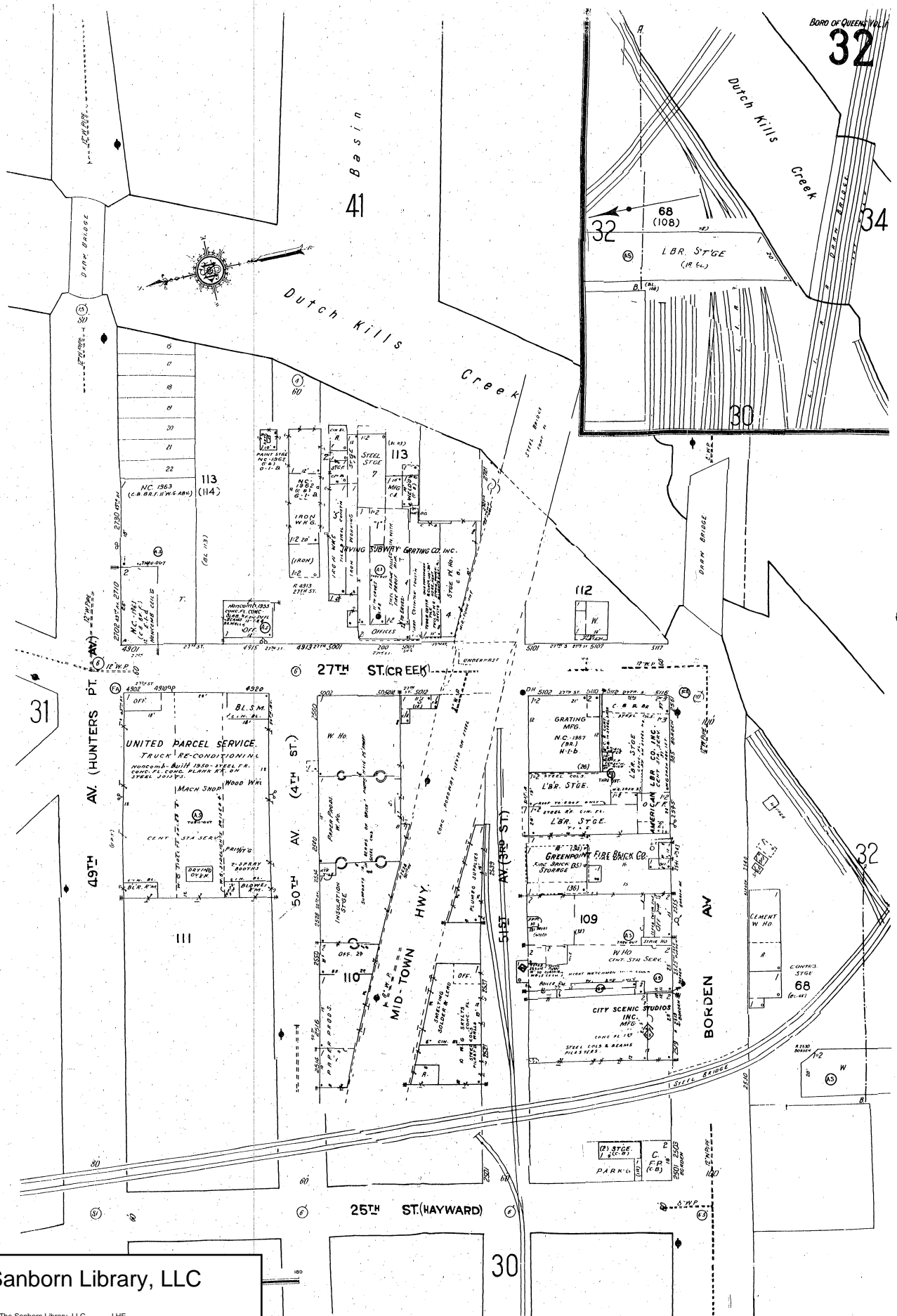


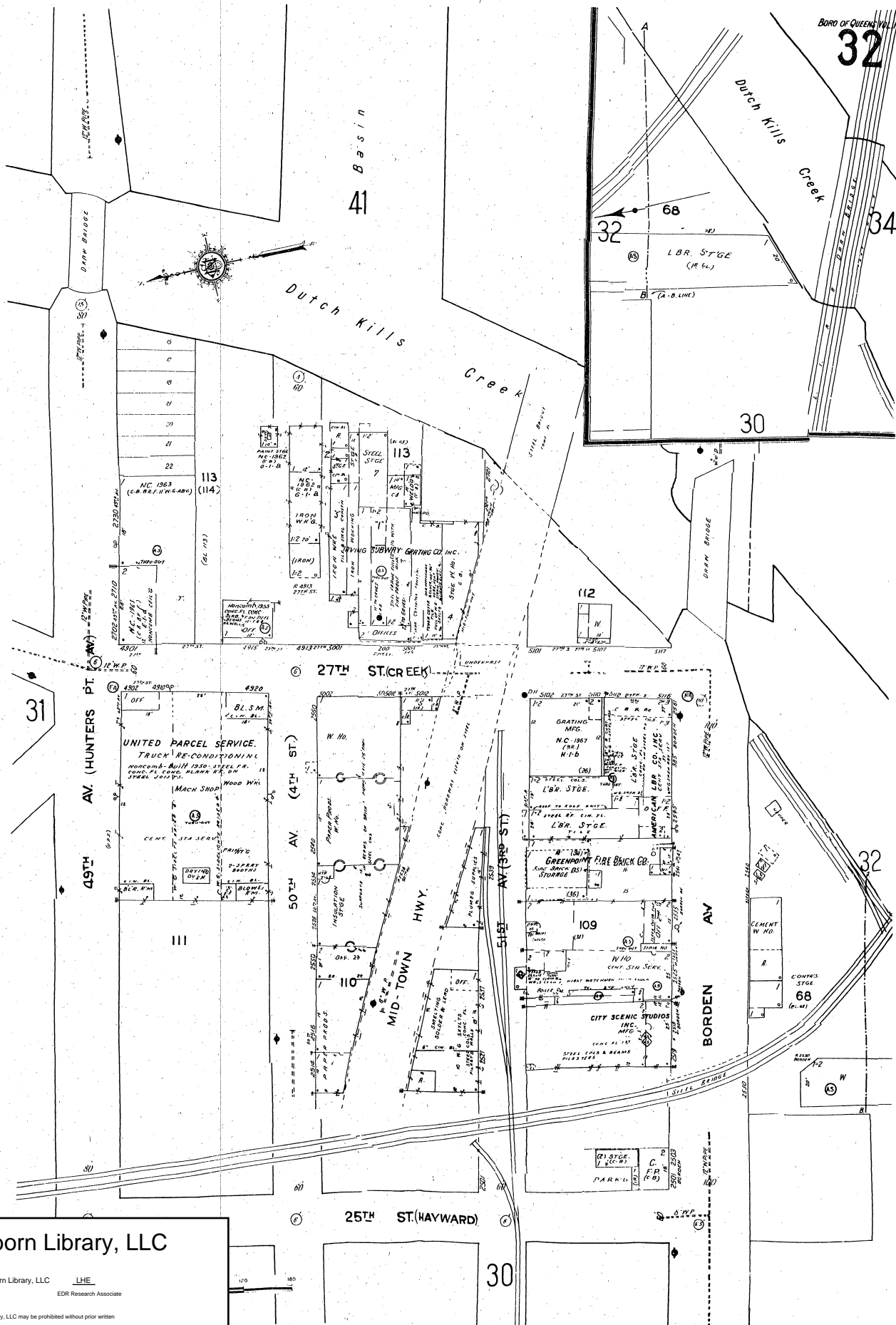
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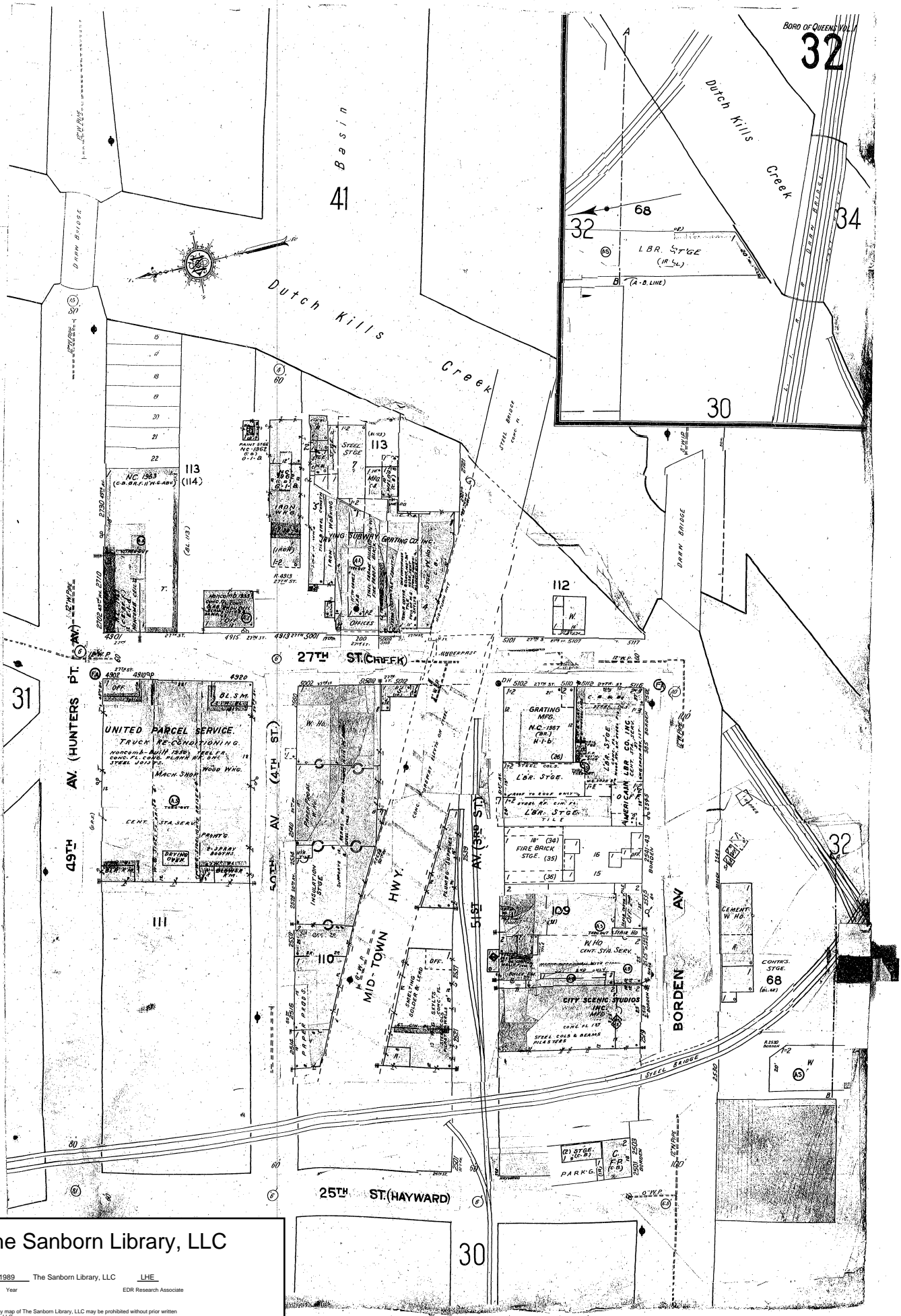
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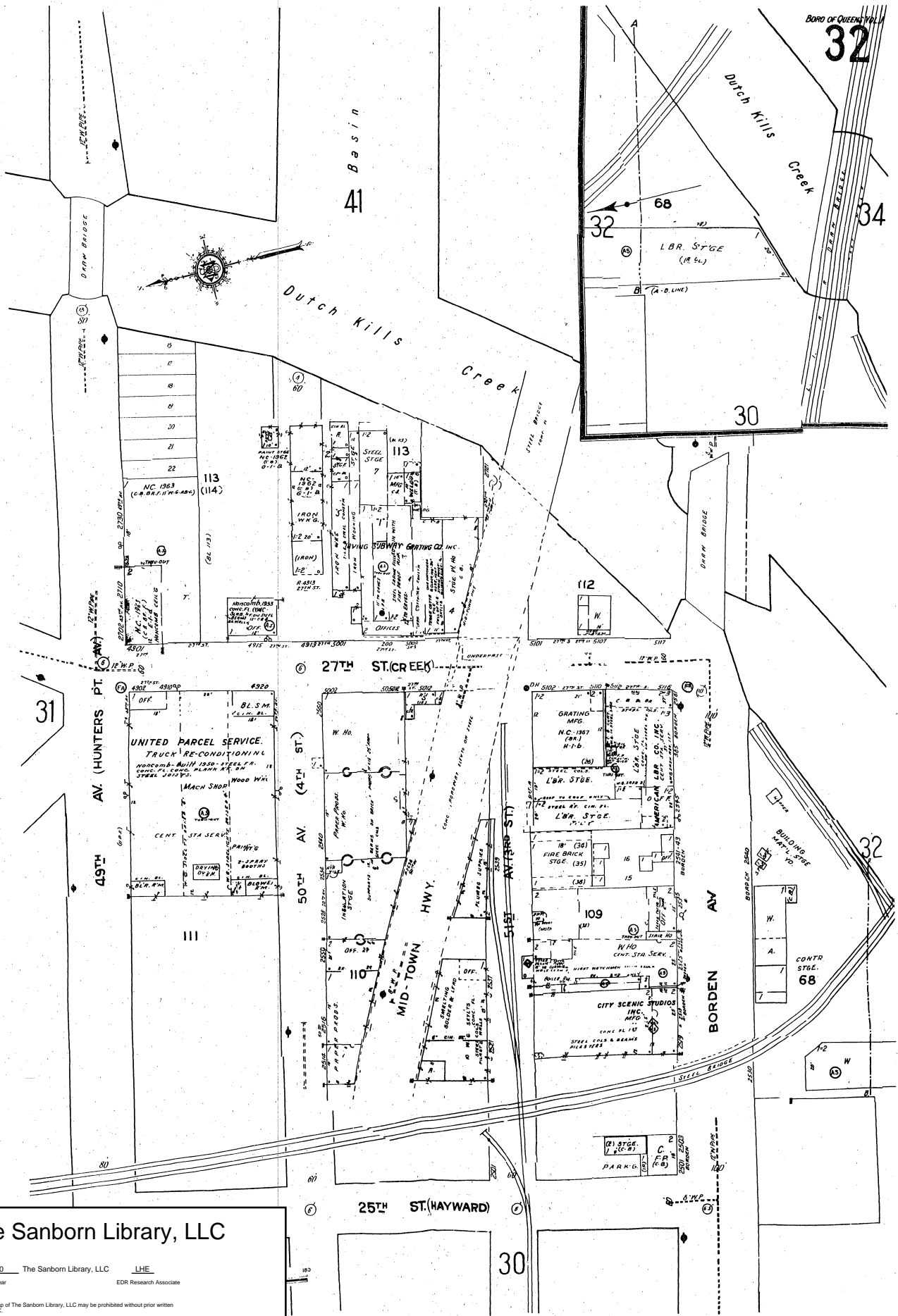
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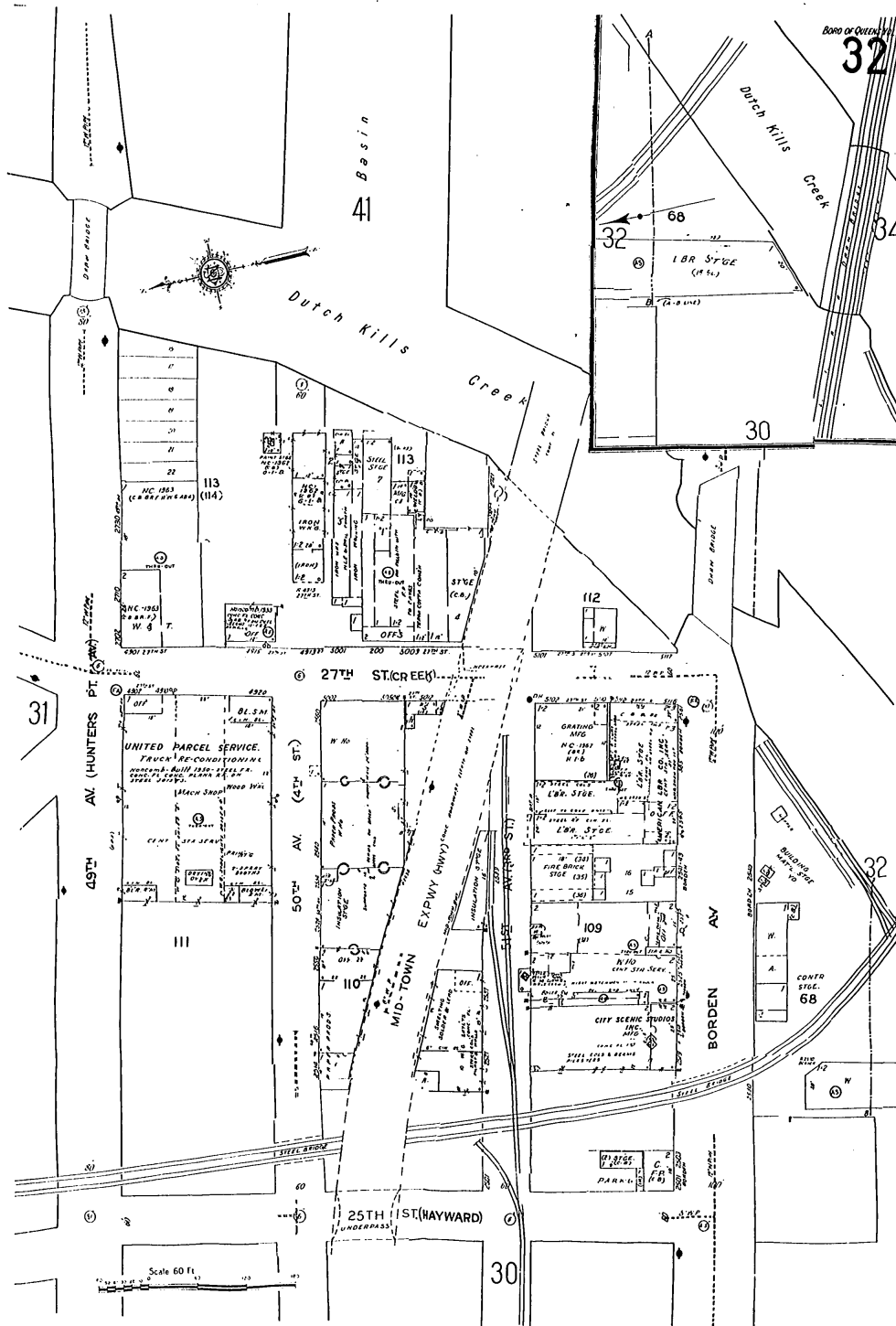












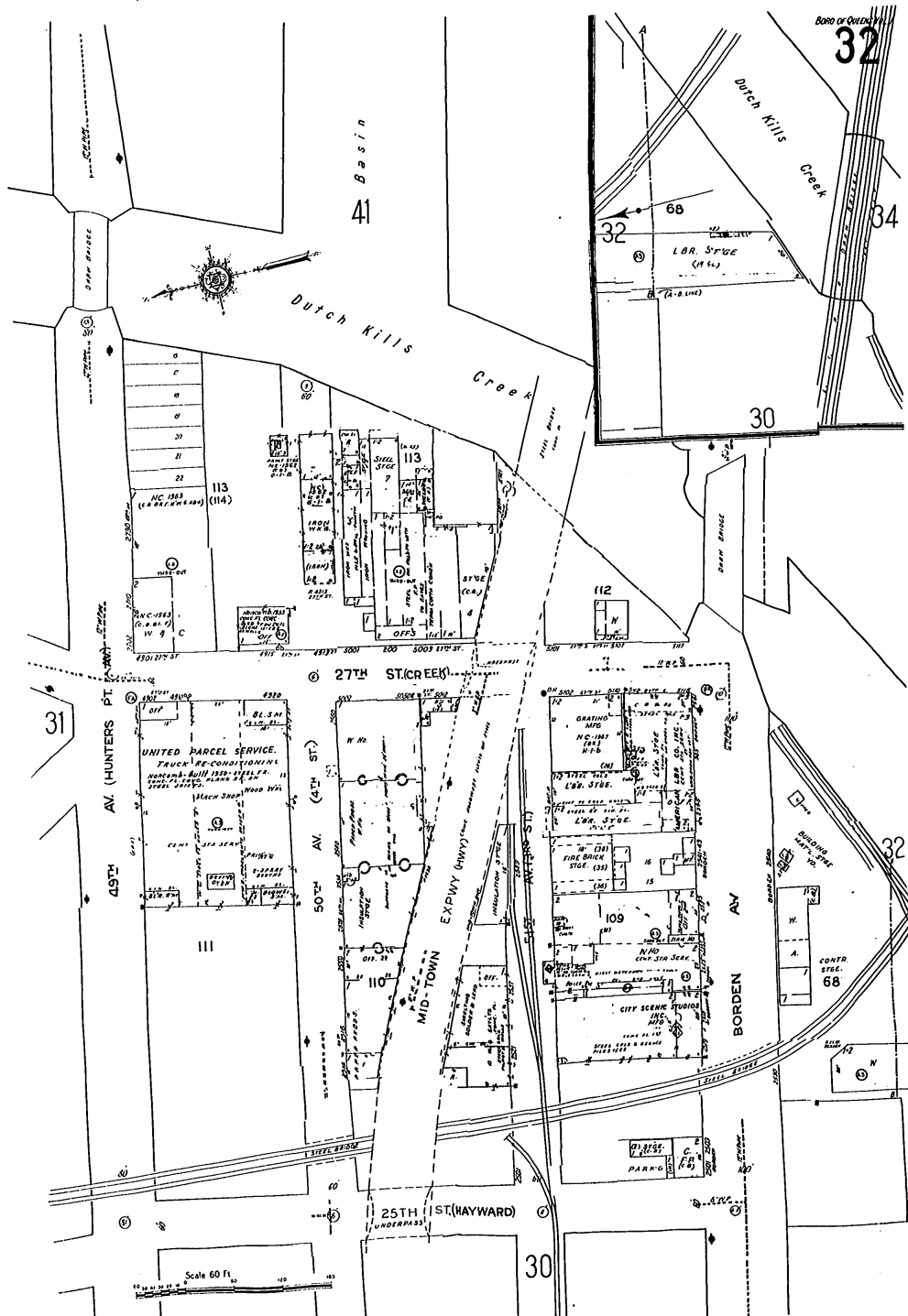
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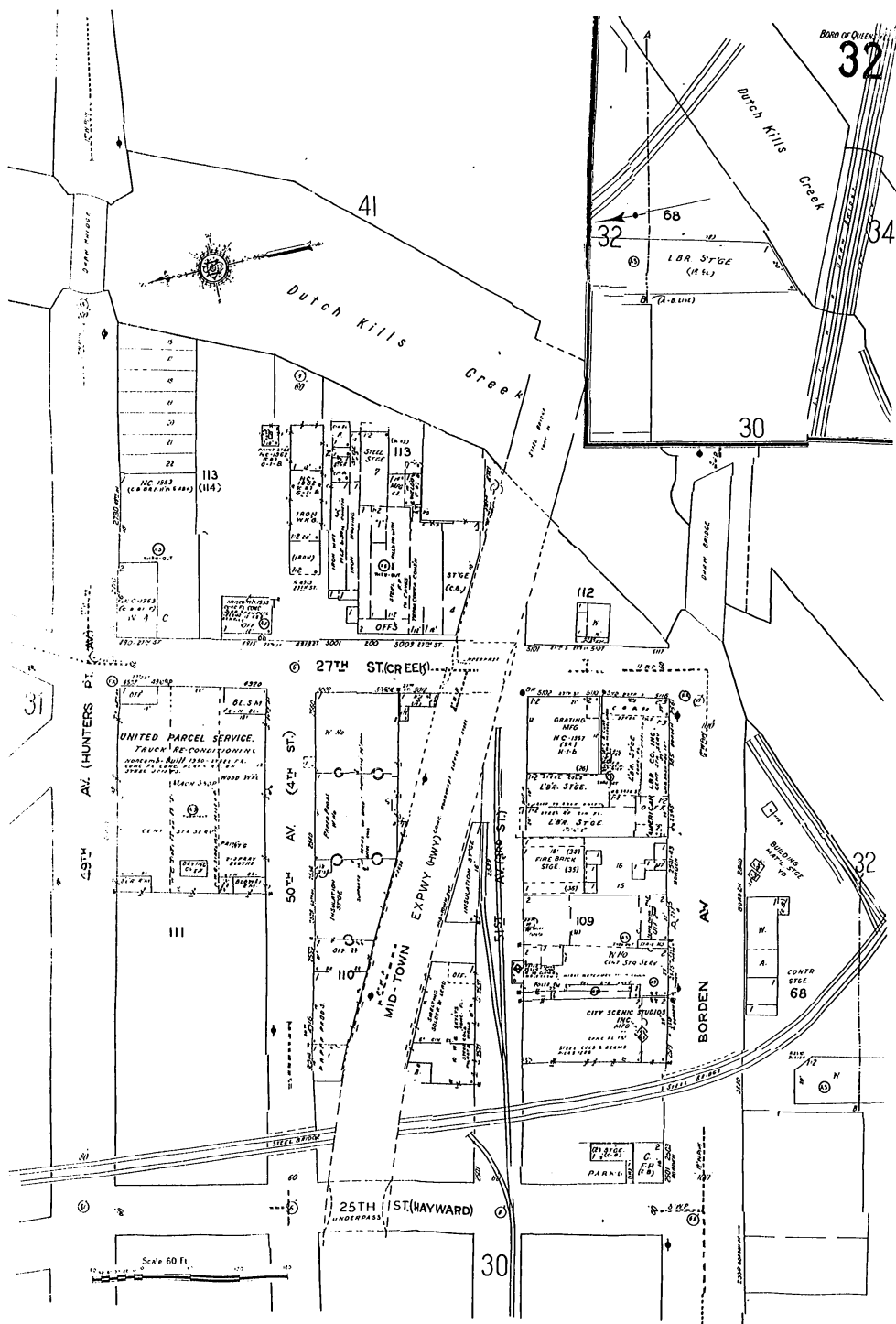
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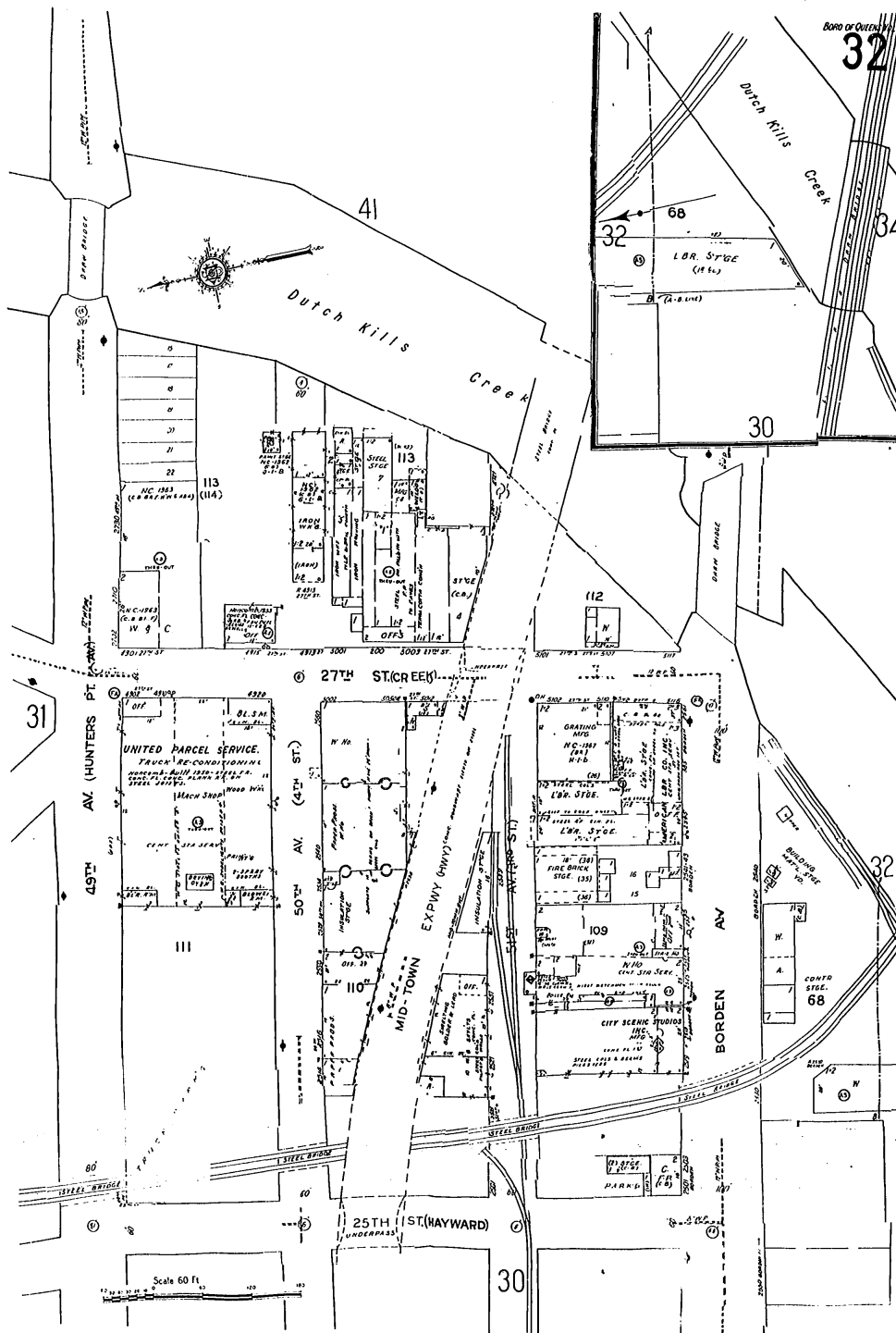
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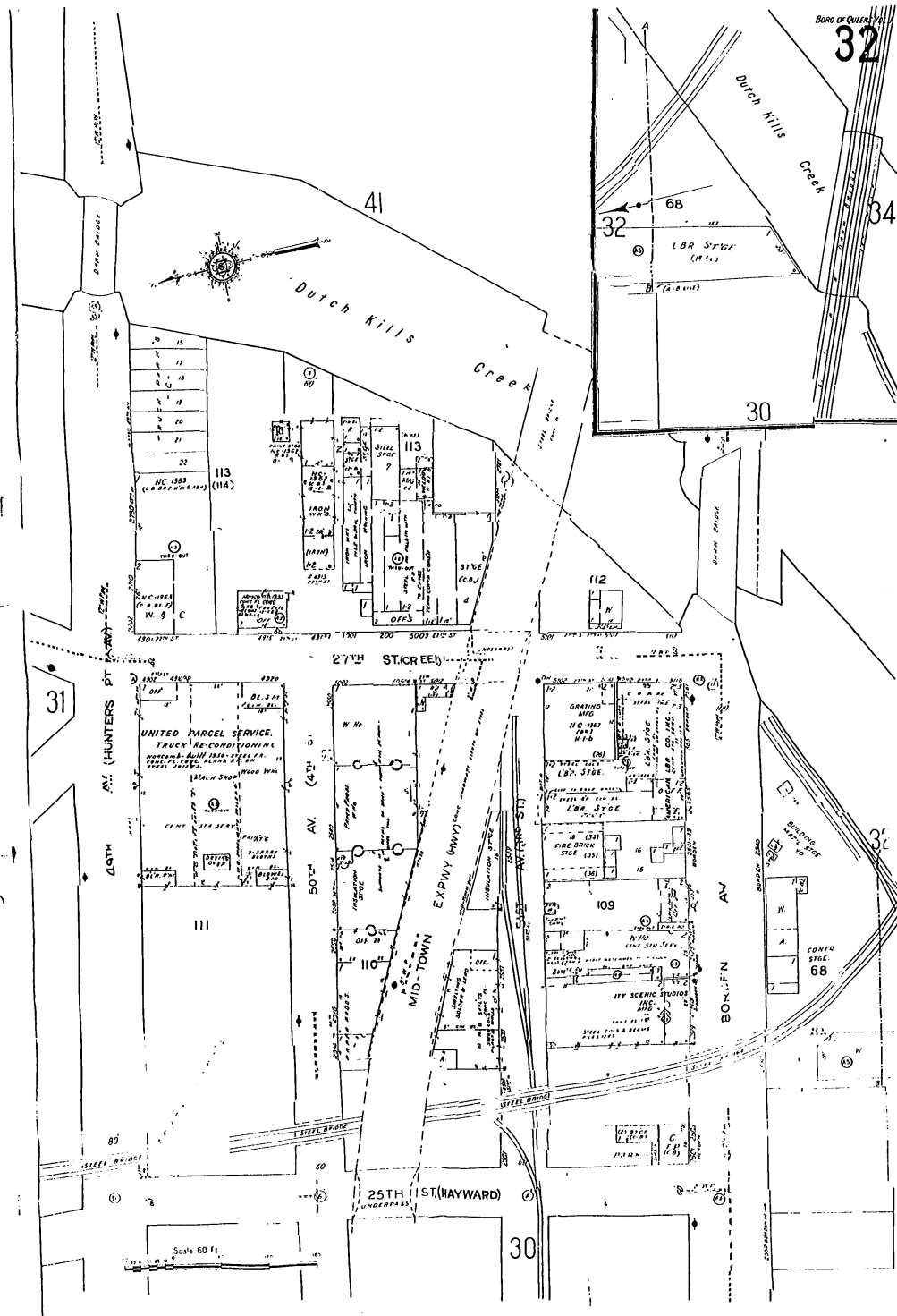
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APPENDIX F

City Directory



EDR® Environmental
Data Resources Inc

The EDR-City Directory *Abstract*

50-09 27th Street
50-09 27th Street
Long Island City, NY 11101

Inquiry Number: 1700370.6

Tuesday, June 20, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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SUMMARY

■ ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2000. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 100.32 Feet of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: June 20, 2006

TargetProperty:

50-09 27th Street
Long Island City, NY 11101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1922	Address Not Listed in Research Source	The Metropolitan Directory Co.
1934	<u>**27TH ST**</u> IRVING IRON WORKS COMPANY INC WALTER E IRVING PRES STEPH M B (5009)	R. L. Polk & Co.
1939	<u>**27TH ST**</u> IRVING IRON WKS CO (5009) IRVING SUBWAY GRATING CO INC (5009)	New York Telephone Company
1945	<u>**27TH ST**</u> CORBETTA CONST CO (5009) IRVING SUBWAY GRATING CO INC (5009)	New York Telephone
1950	Address Not Listed in Research Source	New York Telephone
1962	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO INC (5009)	New York Telephone Directory
1967	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO DIV OF HARSCO CORP (5009)	New York Telephone
1970	<u>**27TH ST**</u> IRVING SUBWAY GRATING CO DIV OF HARSCO CORP (5009)	New York Telephone
1976	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARSCO CORP (5009)	New York Telephone
1983	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARACO CORP (5009)	New York Telephone
1991	<u>**27TH ST**</u> IKG INDUSTRIES DIV OF HARSCO CORP (5009)	NYNEX Information Resource Company
1996	Address Not Listed in Research Source	NYNEX
2000	<u>**27TH ST**</u>	Cole Information Services

Year Uses

2000 (continued)
PATENT CONST SYST (5009)

PATENT CONST SYST (5009)

PATENT SCFFLDNG (5009)

Source

Adjoining Properties

SURROUNDING

Multiple Addresses
Long Island City, NY 11101

Year Uses

1922 Address Not Listed in Research Source

1934 ****27TH ST****
BR (5002)

1939 ****27TH ST****
CONTINUOUS SALES CORPN PLUMB & HEATQ SUPP (5002)
HEDGES WALSH WEIDNER CO SOIL PIPE (5002)
RICHMOND RADIATOR CO ENAMELED WARE (5002)

1945 Address Not Listed in Research Source

1950 ****50TH AVE****
MILLER FLORENCE S (2594)

1962 Address Not Listed in Research Source

1967 ****27TH ST****
KOBBERLEIN EXPRSS & TRANSFER CO INC (5002)
G & G DINER (5014)

1970 ****27TH ST****
KOBBERLEIN EXPRSS & TRANSFER CO INC (5002)
G&G DINER (5014)

1976 ****27TH ST****
G & G DINER (5014)

1983 ****27TH ST****
G & G DINER (5014)

1991 ****27TH ST****
ENGROSS TRADING INC (5010)

Source

The Metropolitan Directory Co.

R. L. Polk & Co.

New York Telephone Company

New York Telephone

New York Telephone

New York Telephone Directory

New York Telephone

New York Telephone

New York Telephone

NYNEX Information Resource Company

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	(continued)	
	G & G DINER (5014)	
	G & G DINER (5014)	
	FIVE STAR APPAREL (5020)	
1996	Address Not Listed in Research Source	NYNEX
2000	<u>**27TH ST**</u>	Cole Information Services
	51ST AV INTS FROM (5020)	
	DELTA ADVERTISING (5020)	
	NYP CO INDSTRS INC (5020)	

APPENDIX G

FOIL Requests and Responses



June 21, 2006

New York City Department of Health
125 Worth Street
Room 604
New York, New York 10013

Attn: Ms. Pat Caruso

Re: FOIL request for:

50-09 27th Street
Long Island City, New York

Dear Ms. Caruso:

CA Rich Consultants, Inc. requests a search of the files maintained by the Department for any and all environmental violations, actions, investigations, or documentation relating to the above-referenced properties. If any records are discovered by the Department, we respectfully request the opportunity to review them.

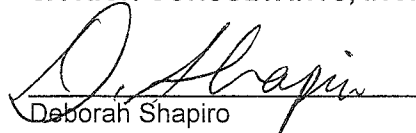
CA Rich makes this request to satisfy, in part, an environmental due diligence being performed on behalf of our client who has an interest in the environmental history of the property.

If you require additional information to carry out the search, please contact the undersigned.

Thank you for your attention to this matter.

Respectfully submitted,

CA RICH CONSULTANTS, INC.


Deborah Shapiro
Project Environmental Scientist



THE CITY OF NEW YORK

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
OFFICE OF ENVIRONMENTAL INVESTIGATIONS

Michael R. Bloomberg

Mayor

Thomas R. Frieden M.D., M.P.H.

Commissioner

nyc.gov/health

August 03, 2006

CA RICH
17 Dupont Street
Plainview, NY 11803

Request No.: 2006FR01845

Dear Sir/Madam Deborah Shapiro :

In Response to your recent request for record on:

50-09 27 Street Long Island City, New York

Please be advised that the Office for Environmental Investigations has "NO" record of an investigation at that address.

Sincerely,

Laurie Van Vynck

Laurie Van Vynck, Director

cc: Renee Bryant



June 21, 2006

New York City Department of Environmental Protection

59-17 Junction Blvd.
Corona, New York 11368

Attention: Rena Bryant, Records Access Officer

Re: FOIL request for:

**50-09 27th Street
Long Island City, New York**

Dear Ms. Bryant:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all environmental violations, actions, or documentation on the above-referenced properties.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.


Deborah Shapiro
Project Environmental Scientist



**DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

59-17 Junction Boulevard
Flushing, New York 11373

**Emily Lloyd
Commissioner**

**Mark D. Hoffer
General Counsel**

**Bureau of Legal
Affairs**

Tel (718) 595-6555
Fax (718) 595-6543
mhoffer@dep.nyc.gov

www.nyc.gov/dep

8/23/2006

CA Rich
17 Dupont Street
Plainview, NY

RE: 50-09 27th St., Long Island City, N.Y

Dear Deborah Shapiro:

We hereby acknowledge receipt of your **Freedom of Information Law** request dated 6/21/2006 .

Your request is currently being reviewed by our agency. Due to increased volume in FOIL requests and a reduction in staff, it is anticipated that you will receive a response to your request in approximately 30 days.

If you have any questions, please call 718-595-6555. Be sure to have the Log Number and any other pertinent information available when you call.

Very truly yours,

Assiatant Counsel

RB

Log # 20723



DIAL 311 Government Information
and Services for NYC

**NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF LEGAL AFFAIRS - LOG SHEET**

BUCHMAN, GAIL ()
CHIN, MAY ()
DYCE, DENISE ()
ECKELS, MARCELLA ()
FINE, JOSHUA ()
GIORDANO, HOLLY ()
HOFFER, MARK ()
JACKSON, SANDY ()
LEVINE, ROBIN ()
PECUNIES, RUSS ()
PEDERSEN, ROBERTA ()

PENER, SARAH ()
PRERO, JUDAH ()
RESNICK, RISA ()
ROGAK, ELIZABETH ()
SCHIANO, FRANK ()
SCHWARTZ, BARRY ()
SHAMOON, CHARLES ()
SIEGEL, MELISSA ()
SOLOMON, MELISSA ()
ZEMBLE, KAREN ()

LOG-IN

LOG NUMBER: 20723 ENTERED BY: R.B.
ENTRY DATE: 8/21/06 WHERE: _____
PROJECT: FOIL COMPANY: CA Rich
PERSON: Shapiro, Deborah DATE: 6-21-06

VIOL# _____ CONTRACT# _____ CLAIM# _____
KEYWORDS: Environmental records
50-09 2725

DATE DUE: _____

COMMENTS: _____

LOG-OUT

DATE: _____ ENTERED BY: _____

WORK COMPLETED (Y/N) _____

REMARKS: _____

Send to: ASB HM DANPE BWT BWSO
BCS ACCO Judah Prero



June 21, 2006

NYSDEC
47-40 21st Street
Long Island City, New York 11101

ATTN: FOIL

**Re: Freedom of Information Law (FOIL) Request
for:**

**50-09 27th Street
Long Island City, New York**

To Whom it May Concern:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all environmental violations, actions, spills, or documentation for the above-referenced properties.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.

A handwritten signature in cursive script, appearing to read 'D. Shapiro', written over a horizontal line.

Deborah Shapiro
Project Environmental Scientist

New York State Department of Environmental Conservation
Division of Public Affairs and Education, Region 2
47-40 21ST Street, Long Island City, NY 11101
Phone: (718) 482-4507 • **FAX:** (718) 482-6729
Website: www.dec.state.ny.us



Date: June 26 2006

FOIL # R2-06-806

Deborah Shapiro/CARICH Env Specialists
516-576-8844
Fax 516-576-0093

RE : 50-09 27th St in LIC, Queens

Dear Ms Shapiro:

We are in receipt of your Foil request for the above referenced site. The Foil identification number assigned is R2-06-806

If for any reason you need to contact us again please use that number. When the programs are done gathering the files/information this office will contact you.

Please expect our response within 20 days from the date of this letter.

Sincerely yours,



Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

New York State Department of Environmental Conservation
Regional Enforcement Coordinator, Region 2, Regional Direction
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4507 • FAX: (718) 482-6729
Website: www.dec.state.ny.us



Denise Sheehan
Commissioner

Date: September 5, 2006

FOIL # R2-06-806

Deborah Shapiro/CARICH Env Specialists
516-576-8844
Fax 516-576-0093

RE: 50-09 27th St in LIC, Queens

Dear Mr. Shapiro:

NYSDEC/Region 2 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by number under the names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided.

If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, claims, investigations or inquiries.

☒ After a diligent search, no records could be located for the names and/or addresses you provided.

Thank you for your request. If additional information is needed, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or fax your response to me.

Sincerely yours,

Fawzy I Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator



June 30, 2006

New York City Fire Department
9 MetroTech Center
Brooklyn, New York 11201-3857

Attention: Public Records Unit/Tanks Section

Re: FOIL request for:

50-09 27th Street
Long Island City, New York

Dear Ms. Bryant:

CA Rich Consultants, Inc. requests a search of the files throughout the Department for any and all documentation regarding tanks including tank removals and abandonment on the above-referenced property.

Your immediate attention to this matter would be greatly appreciated. If you have any questions or require further information, please contact the undersigned.

Sincerely,

CA RICH CONSULTANTS, INC.

A handwritten signature in cursive script, appearing to read 'D. Shapiro', written over a horizontal line.

Deborah Shapiro
Project Environmental Scientist



FIRE DEPARTMENT - CITY OF NEW YORK
Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442



Tank Request Form

OFFICE USE ONLY

Cashier / Search No.

SECTION A

CUSTOMER INFORMATION

Please print your address and contact telephone number.

Deborah Shapiro
CA Rich Consultants, Inc.

Name
17 Dupont Street

Address
Plainview, NY 11803

State Zip Code

Telephone Number

316-576-8844

Processing may take time, please choose one option below:

I will wait for it ☐ I will it pick-up ☐ Mail it to my address ☒

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order (made payable to the NYC Fire Department) and a self-addressed envelope (with postal stamp). Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.** Cash payments can only be made in person and accepted by our Cashiers Office (9am - 3pm).

SECTION B

PLEASE PRINT THE ADDRESS TO BE SEARCHED.

50-09 27th Street, LIC, NY

House Number

Street Name

Queens

Borough

CUSTOMER - PLEASE READ THE INFORMATION BELOW.

A CERTIFIED REPORT WILL BE MAILED TO THE ADDRESS YOU HAVE PROVIDED WITHIN TEN (10) BUSINESS DAYS AFTER DATE SUBMITTED. COMPUTER PRINTOUTS WILL BE PROVIDED ONLY UPON REQUEST.

After you have received the certified report, you may request a certified computer printouts and/or a copy of any related record for an additional fee of \$0.25 (cents) / per page. The fee for individual copies can only be determined after this search has been completed and you have received the related report. All payments are non-refundable.

Note: All listed tank information come from records, which exist in the FDNY District Office Folders and computer files. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies, unless a summons for "Failure to Comply" was issued.

SECTION C

FUEL (HEATING) OIL TANKS - FEE \$10.00 / PER REPORT

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

☒ ITEM 1 - THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS (includes installation date)

☒ ITEM 2 - THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS

☒ ITEM 3 - OTHER: Tank Affidavit showing any ^{leak} ~~leak~~ ^{removal} ~~removal~~ or abandonment

For Office Use Only - Do not write in this section.

Searched By: _____ Date: ____/____/____

(PLEASE SEE OTHER SIDE OF FORM)

**CITY OF NEW YORK - FIRE DEPARTMENT****Public Records / Tank Search Report*****Date Received** Tuesday, August 08, 2006***Requester / Mailing Information*****Request Type** Tanks - Mail In

DEBRA SHAPIRO

***Requesting Party**

CA RICH CONSULTANTS INC

Requesting Company*Reference No.**

17 DUPONT STREET

House No., Street, Apt / Floor*T- 3625**

PLAINVIEW NY. 11803

Borough, State, Zip Code***Contact / Telephone Number**

516-576-8844

***Search Type Customer Requested**

\$30 - Motor - Existing, Removed & Other

***Search Address**

50-09 27TH STREET

***Borough**

05 - Queens

***Payment Type**

04-Cashier Receipt

***Payment No.**

20905

***Data Entry Status**

Other - Please see comments below

***Data Entered**

8/23/2006

***Entered By**

DJ

New Record

Duplicate Record

Dear Customer,

We have completed a search for the address and the requested information listed above. In the "Search Status" box below, we have listed the results and any additional comments we may have regarding the search.

Account Number**Requested Folder****Requested Date****Requested From*****Search Status**

Other - Please see comments below

NO RECORD /NO HISTORY

Completed Date

8/25/2006

Completed By

DJ

Place FDNY Certification Stamp Below

THIS IS TO CERTIFY THAT
THIS IS A TRUE COPY OF
THE ORIGINAL DOCUMENT
ON FILE WITH FDNYEMS

SIGNATURE

IMPORTANT NOTICE: THIS REPORT IS NOT VALID WITHOUT
THE FDNY CERTIFICATION STAMP PLACED IN THIS BOX.

**Supervisor's
Section**Letter
QueryLetter
PrintEntry
QueryPrint
EntryComplete
QueryComplete
Print


☒ [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Property Profile Overview

50-09 27 STREET
27 STREET

50-01 - 50-09

QUEENS 11101

Health Area : 720
Census Tract : 1
Community Board : 402
Buildings on Lot : 4

BIN# 4436648

Tax Block : 113
Tax Lot : 1
Condo : NO
Vacant : NO

[View All Addresses...](#)

[Browse Block](#)

[View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Loft Law: NO

SRO Restricted: NO

UB Restricted: NO

Little 'E' Restricted: N/A

Legal Adult Use: NO

Historic Block: 113

Other BINs: NONE

Special Status: N/A

Local Law: NO

TA Restricted: NO

Special District: IBZ - INDUSTRIAL BUSINESS ZOI

Grandfathered Sign: NO

City Owned: NO

Historic Lots: 1

Department of Finance Occupancy Code:

E9-WAREHOUSE

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	3	0
Violations-DOB	7	5
Violations-ECB	2	1

This property has 1 open DOB and 1 open ECB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit. After obtaining the permit, a certificate of correction must be filed on the ECB violations.

Jobs/Filings	14
PRA / ARA Jobs	0
Total Jobs	14
Actions	27

OR Enter Action Type:

OR Select from List:

AND

[Elevator Records](#)

[Electrical Applications](#)

[Permits In-Process / Issued](#)

[Illuminated Signs Annual Permits](#)

[Plumbing Inspections](#)

[Open Plumbing Jobs / Work Types](#)

[Facades](#)

[Marquee Annual Permits](#)

[Boiler Records](#)

[DEP Boiler Information](#)

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

**THE CITY OF NEW YORK
BUREAU OF BUILDINGS
BOROUGH OF QUEENS**

No. 108

CERTIFICATE OF MODIFICATION

RECEIVED..... 191 To.....
 PERMITTED.....

In accordance with Section 5, Article I Chapter 3, of the Code of Ordinances, City of New York.

THE CERTIFIER has the **ALTERED BUILDING** situated on the above mentioned premises been completed and conforms substantially to the approved plans and specifications and to the requirements of the Building Code, and **PERMISSION** is hereby granted for its occupancy for the purpose specified below

Stories	Classification	Construction	
Floors	Occupancy	Liv. Load Per Sq. ft. in Pounds	Number of Persons
Cellar			
Basement			
1st Floor			
2nd Floor			
3rd Floor			
4th Floor			
5th Floor			
6th Floor			
7th Floor			
8th Floor			
9th Floor			
10th Floor			
11th Floor			
12th Floor			

Attest: Approve:

**Superintendent of Buildings
Borough of Queens**

THE CITY OF NEW YORK
BUREAU OF BUILDINGS
BOROUGH OF QUEENS

No. 2272

CERTIFICATE OF OCCUPANCY

Handwritten: 12/1/50

[Faint, mostly illegible text lines]

[Faint, mostly illegible text lines]

[Faint, mostly illegible text lines]

[Faint, mostly illegible text lines]



 [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
NYC DEP Boiler Information

Premises:	50-09 27 STREET QUEENS	BIN: 4436648	Block
Application #: CA190397Y	Type: Registration	Owner: PNT CONSTR SYS%HARSCO CORP	
Issued: Sep 16, 2003	Expires: Oct 30, 2006		
Make / Model: H.B. SMITH, 250-W-8	Primary Fuel:	Secondary Fuel:	
Number of Identical Units: 1			
Application #: CB001906X	Type: Registration	Owner: AARON SMITH	
Issued: Apr 07, 2006	Expires: Apr 07, 2009		
Make / Model: BURNHAM V905-A	Primary Fuel:	Secondary Fuel:	
Number of Identical Units: 1			

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



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NYC Department of Buildings

Boiler Details

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

No-of-Boilers: 03

Boiler-No: 87232

Serial-No: 03

Type: COMMERCIAL Loc: 1SR FLOOR

LOW PRESSURE

Boiler Owner: HARSCO CORP

Area: 720

Owner Address: 1 MACK CENTER DRIVE

Tract: 100

Over6: N

Size:

Class: C

Fee: N

Make of Boiler: BURNHAM

Ins: N

Year:

Boiler Status: ACTIVE


School: N

INSP-DATE	REC-DATE	ENTRY DATE	VIO FLAG	NAME	NYS CERTIFICATE
04/19/2006	04/21/2006	04/27/2006	N	FACTORY MUTUAL INSURANCE CO	5284
08/18/2005	08/31/2005	09/14/2005	Y	OPERATION SUPERVISOR FACT MUT EN	2779
09/29/2004	11/16/2004	12/09/2004	N	FISCHETTI ANTHONY	4254
07/25/2003	09/05/2003	09/22/2003	N	FISCHETTI ANTHONY	4254
12/10/2002	12/16/2002	12/19/2002	N	FACTORY MUTUAL INSURANCE CO	5092
07/18/2001	07/20/2001	07/23/2001	N	FACTORY MUTUAL INSURANCE CO	5092
12/26/2000	12/29/2000	01/06/2001	N	FACTORY MUTUAL INSURANCE CO	3048
05/17/2000	05/30/2000	06/09/2000	N	VEGA ROBERT	5329
05/05/1999	08/23/1999	08/23/1999	N	AGLIARDO JR PETER	2626
10/13/1998	10/26/1998	10/27/1998	N	FACTORY MUTUAL INSURANCE CO	2899
09/30/1997	10/28/1997	12/10/1997	N	LEVINSON EDWARD	2351
09/30/1997	10/20/1997	11/10/1997	N	LEVINSON EDWARD	2351
03/15/1996	04/01/1996	04/03/1996	N	LOSS CONTROL KEMPER GROUP	2557
01/12/1993	02/04/1993	05/26/1993	N	THE HARTFORD STEAM BLR INSP INS	2833
01/08/1992	03/17/1992	07/23/1992	N	THE HARTFORD STEAM BLR INSP INS	2833

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

[BIS Menu](#) | [Bldg Info Search](#) | [Property Profile](#) | [Boilers](#) | [Boiler Compliance](#) | [Back](#)



 [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Boiler Query

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
NO	<u>87232</u>	N	03	ACTIVE	04/19/2006	04/21/2006	I 5284 FACTORY MUTUAL INSURANCE
NO	<u>87232</u>	N	01	ACTIVE	04/19/2006	04/21/2006	I 5284 FACTORY MUTUAL INSURANCE

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



☐ [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Boiler Details

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

No-of-Boilers: 03

Boiler-No: 87232

Serial-No: 01

Type: COMMERCIAL Loc: ST LEVEL

LOW PRESSURE

Boiler Owner: I K G INDUSTRIES

Area: 720

Owner Address:

Tract: 100

Over6: N

Size:

Class: C

Fee: Y

Ins: Y

Year: 1969

School: N

Make of Boiler:

Boiler Status: ACTIVE

INSP-DATE	REC-DATE	ENTRY DATE	VIO FLAG	NAME	NYS CERTIFICATE
04/19/2006	04/21/2006	04/27/2006	N	FACTORY MUTUAL INSURANCE CO	5284
08/18/2005	08/31/2005	09/14/2005	N	OPERATION SUPERVISOR FACT MUT EN	2779
09/29/2004	11/16/2004	12/09/2004	N	FISCHETTI ANTHONY	4254
07/25/2003	09/05/2003	09/22/2003	N	FISCHETTI ANTHONY	4254
12/10/2002	12/16/2002	12/19/2002	Y	FACTORY MUTUAL INSURANCE CO	5092
07/18/2001	07/20/2001	07/23/2001	Y	FACTORY MUTUAL INSURANCE CO	5092
12/26/2000	12/29/2000	01/06/2001	N	FACTORY MUTUAL INSURANCE CO	3048
05/17/2000	05/30/2000	06/09/2000	N	HPD INSPECTOR	5329
05/05/1999	07/19/1999	08/18/1999	N	AGLIARDO JR PETER	2626
09/30/1997	10/28/1997	12/10/1997	N	LEVINSON EDWARD	2351
09/30/1997	10/20/1997	11/10/1997	N	LEVINSON EDWARD	2351
03/15/1996	04/01/1996	04/03/1996	N	LOSS CONTROL KEMPER GROUP	2557
04/14/1995	05/08/1995	05/10/1995	N	LOSS CONTROL KEMPER GROUP	2557
04/14/1994	05/23/1994	05/27/1994	N	LOSS CONTROL KEMPER GROUP	2557
01/12/1993	02/04/1993	05/26/1993	N	THE HARTFORD STEAM BLR INSP INS	2833
01/08/1992	03/17/1992	07/23/1992	N	THE HARTFORD STEAM BLR INSP INS	2833
04/19/1993	06/16/1993	06/16/1993	N	KEMPER NATIONAL INSURANCE COMPAN	2557

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NYC Department of Buildings

Job Overview

NB / ALT1 / ALT2 / ARA Jobs with Open Plumbing Work

This query lists:

- All open ARAs
- Alt-2 jobs with open plumbing work types (PL, SP, SD)
- NB or Alt-1 jobs without the "Final Plumbing Signoff" required item

Note: This query does NOT check for open worktypes on NB or Alt-1 jobs.

Page: 1 of 1

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

FILE DATE	JOB NUMBER	DOC #	JOB TYPE	FLOOR	JOB STATUS	STATUS DATE	APPLICANT	FILING REP
10/10/2000	<u>401173092</u>	01	A2	001	R PERMIT-ENTIRE	09/18/2003	COSTA	MENA
REMOVAL OF 14,250 FEET OF THE EXISTING BUILDING.								
10/07/2005	<u>402223553</u>	01	A2	UDG	R PERMIT-ENTIRE	10/20/2005	CHRYSLER	CHRYSL
GAS TO GAS BOILER REPLACEMENT. REPLACE BOILER AND BURNER WITH A BURNHAM V9								

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NYC Department of Buildings

Application Data

Premises: 50-09 27 STREET QUEENS

Job No: 402223553

Document: 01 OF 3

JUMP TO:

Filed At: 50-09 27 STREET

Job Type: A2 ALTERATION TYPE 2

BIN: 4436648 Block: 113 Lot: 1

Items Required	Plumbing Insp	Doc / Plans Received	Schedule A	Schedule B	All Permits	Document Overview
	Plan Exam Overview	Fee / Accounting Overview		C/O Application Summary		

----- * JOB PROFESSIONALLY CERTIFIED * -----

AUDIT ACCEPTED 11/29/2005

Location: Block: 113 Lot(s): 1 BIN: 4436648 C.B.No: 402
Apt No: Use: OTHER
SPECIFIC FLOORS: UDG

Work Types Submitted: PL-BL

Current Applicant of Record: HUGH W CHRYSLER
CHRYSLER ENGINEERING CO
38-01 23 AVENUE, LIC, NY 11105

Phone: 718-545-8659

Professional Title: PE License Number: 76805

Filing Representative: CHRYSLER/GONZAL/PAYA HUGH/ADRI/JENN.

Phone: 718-545-8659

CHRYSLER ENGINEERING CO.
38-01 23rd STREET SUITE # 309, LONG ISLAND CIT NY 11105

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 10/20/2005 (R)

Pre-Filed: 10/07/2005 **Date Filed:** 10/07/2005
Fees: STANDARD **Estimated Total Cost:** \$15,000.00 **PC Filed:** Y

Additional Considerations:

Directive 14: Y	Old Code: N	Quality Housing: N	Site Safety: N
Infill Zoning: N	Loft Review: N	Single Room Occupancy: N	
Declaration:	Page:	Reel:	
Little 'E' Restrictions: N/A	Landmark: N		

Job Description:

GAS TO GAS BOILER REPLACEMENT. REPLACE BOILER AND BURNER WITH A BURNHAM V905A AND A POWERFLMAE JR30A12. NO CHANGE IN EGRESS USE OR OCCUPANCY IS INVOLVED UNDER THIS APPLICATION.

Plans Submitted: ME

Zoning District: M3-2 - HEAVY MANUFACTURING DISTRICT (LOW PERFORMANCE) **Map No.:** 009B

Special District:

Occupancy Classification: Existing: COM - COMMERCIAL BUILDINGS - OLD CODE **Proposed:**

Construction Classification: EXIST OLD CODE: 1

Building Dimension:	No. Stories: 2	Street Frontage:
	Height: 25	Dwelling Units:

Total Gross Area of Building:

Fill:

Site Area Characteristics:

Metes and Bounds:

Street Status: PUBLIC

Beginning at a point on the side of

Distant Ft. **of the corner formed by the intersection of** and

Owner: CORPORATION **Non-Profit Flag:** N
SMITH AARON ADMIN. MGR

PATENT CONSTRUCTION C/O HARSCO 1 MACK CENTER DRIVE 201 261 - 5600
PARAMUS NJ 07652
OCCUPANCY CERTIFICATION: N
OCCUPANCY NOTIFICATION: N

CORPORATION:

RUSSO ROBERT VP CONTROL
1 MACK CENTER DRIVE PARAMUS NJ 07652 201 261 - 5600

Comments for Document 01:

I hereby state that I have exercised a professional standard of care in certifying that the filed application is complete and in accordance with applicable laws, including the rules of the Department of Buildings, as of this date. I am aware the Commissioner will rely upon the truth and accuracy of this statement. I have notified the owner that this application has been professionally certified. If an audit or other exam discloses non-compliance, I agree to notify the owner of the remedial measures that must be taken to meet legal requirements. I further realize that any misrepresentation or falsification of facts made knowingly or negligently by me, my agents or employees, or by others with my knowledge, will render me liable for legal and disciplinary action by the Department of Buildings and other appropriate authorities, including termination of participation in the professional certification procedures at the Department of Buildings.

AMEND PLANS SCH. C SCH. B_AND 900A

AMEND PLANS , SCH. B, SCH. C AND 900A TO SHOW THE CORRECT BURNER AS A BCJR3
0A12 AND THE CORRECT PRESSURE SETTING OF RELIEF VALVES AS PSI.

[Items Required](#) | [Plumbing Insp](#) | [Doc / Plans Received](#) | [Schedule A](#) | [Schedule B](#) | [All Permits](#) | [Document Overview](#)
[Plan Exam Overview](#) | [Fee / Accounting Overview](#) | [C/O Application Summary](#)

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NYC Department of Buildings

Application Data

Premises: 50-09 27 STREET QUEENS

Job No: 401173092

Document: 01 OF 1

Filed At: 50-09 27 STREET

Job Type: A2 ALTERATION TYPE 2

BIN: 4436648 Block: 113 Lot: 1

[Items Required](#) | [Plumbing Insp](#) | [Doc / Plans Received](#) | [Schedule A](#) | [Schedule B](#) | [All Permits](#) | [Document Overview](#)
[Plan Exam Overview](#) | [Fee / Accounting Overview](#) | [C/O Application Summary](#)

----- * JOB PROFESSIONALLY CERTIFIED * -----

Location: Block: 113 Lot(s): 1 BIN: 4436648 C.B.No: 402
Apt No: Use: OTHER
SPECIFIC FLOORS: 001

Work Types Submitted: PL-OT
OT DESCRIPTION: BLDG. REMOVAL

Current Applicant of Record: ANGELO COSTA Phone: 718-357-5450
COSTA DESIGN
59-07 175 PLACE, FRESH MEADOW, NY 11365

Professional Title: RA License Number: 16907

TR1 Applicant of Record: ANGELO COSTA Phone: 718-357-5450
COSTA DESIGN
59-07 175 PLACE, FRESH MEADOW, NY 11365

Professional Title: RA License Number: 16907

Filing Representative: MENA JOANNE Phone: 718-357-5450
COSTA DESIGN
59-07 175 PLACE, FRESH MEADOW, NY 11365

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 09/18/2003 (R)

Pre-Filed: 10/02/2000 Date Filed: 10/10/2000
Fees: STANDARD Estimated Total Cost: \$128,000.00 PC Filed: N

Additional Considerations:

Directive 14: Y	Old Code: N	Quality Housing: N	Site Safety: N
Infill Zoning: N	Loft Review: N	Single Room Occupancy: N	
Declaration:	Page:	Reel:	
Little 'E' Restrictions: N/A	Landmark: N		

Job Description:

REMOVAL OF 14,250 FEET OF THE EXISTING BUILDING.

Plans Submitted: ZO - AR

Zoning District:

Map No.:

Special District:

Occupancy Classification: Existing: Proposed:

Construction Classification:

Building Dimension:	No. Stories: 1	Street Frontage:
	Height: 15	Dwelling Units:

Total Gross Area of Building:

Fill:

Site Area Characteristics:

Metes and Bounds:

Street Status: PUBLIC

Beginning at a point on the side of

Distant Ft. of the corner formed by the intersection of and

Owner: CORPORATION Non-Profit Flag: N
RENNA KATTHY PATENT CON

SAME AS ABOVE 50-09 27 ST 718 482 - 9470

LIC NY 11101

OCCUPANCY CERTIFICATION: N

OCCUPANCY NOTIFICATION: N

CORPORATION:

SILVIA WILLIAM D DIR. NE OP

50-09 27 ST LIC NY 11101 718 482 - 9470

[Items Required](#) | [Plumbing Insp](#) | [Doc / Plans Received](#) | [Schedule A](#) | [Schedule B](#) | [All Permits](#) | [Document Overview](#)
[Plan Exam Overview](#) | [Fee / Accounting Overview](#) | [C/O Application Summary](#)

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NYC Department of Buildings
Plumbing Inspection Query

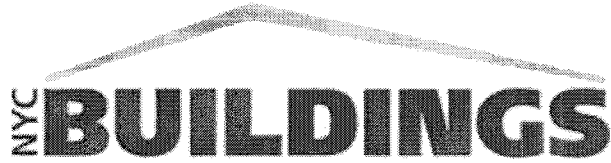
Premises: 50-09 27 STREET QUEENS

Page: 1
BIN: 4436648 Block: 113 Lot: 1

Showing All Inspections ([Click to Show Open Only](#))

PERMIT	INSPECTION DATE / TIME	JOB #	WORK ORDER	BADGE	STATUS	GAS
<u>400791817</u> PL	12/30/1997 12:00	<u>400791817</u>	<u>4-97-07566</u>	1211	WORK INCOMPLETE	
<u>400791817</u> PL	01/22/1998 8:30	<u>400791817</u>	<u>4-98-00259</u>	1086	INSPECTION OK - NO FURTHER ACTION	Y

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Permits In-Process / Issued by Premises

Page: 1 of 1

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

NUMBER	JOB TYPE	SEQ NO	ISSUED DATE	STATUS	APPLICANT NAME	STATUS DATE
402223553-01-PL	A2 - ALT2	01	10/20/2005	ISSUED	PERAKIS EMANUEL	10/20/2005
402223553-01-EW BL	A2 - ALT2	01	10/20/2005	ISSUED	PERAKIS EMANUEL	10/07/2005
401173092-01-PL	A2 - ALT2	01	09/18/2003	ISSUED	QUARATINO PASQUAL	09/08/2003
401173092-01-EW OT	A2 - ALT2	01	09/08/2003	ISSUED	COLASUONNO DOMINI	09/08/2003
400879206-01-SG	SG - SIGN	01	08/28/1998	REVOKED	CAPPELLI JON	08/28/1998
400879199-01-SG	SG - SIGN	02	11/05/1999	ISSUED	CAPPELLI JON	11/03/1999
400879180-01-SG	SG - SIGN	02	11/05/1999	ISSUED	CAPPELLI JON	08/26/1999
400879171-01-SG	SG - SIGN	01	08/28/1998	REVOKED	CAPPELLI JON	08/28/1998
400791817-01-PL	A2 - ALT2	01	11/28/1997	ISSUED	FONTANA ANTHONY	11/28/1997
400791817-01-EW FB GAS	A2 - ALT2	01	11/28/1997	ISSUED	FONTANA ANTHONY	11/28/1997
400791817-01-EW OT	A2 - ALT2	01	11/28/1997	ISSUED	LEVINSON ED	11/28/1997

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Printable (PDF) version of this Permit

Job No:	402223553	Job Type / App No.:	ALT2	Fee:	STANDARD
Permit No:	402223553-01-PL	Issued:	10/20/2005	Expires:	10/20/2006
Seq. No.:	01	Filing Date:	10/20/2005 INITIAL	Status:	ISSUED
Work:		Proposed Job Start:	10/20/2005	Work Approved:	10/07/2005

PLUMBING - ALT2 GAS TO GAS BOILER REPLACEMENT. REPLACE BOILER AND BURNER WITH A BURNHAM V9 AND A POWERFLMAE JR30A12. NO CHANGE IN EGRESS USE OR OCCUPANCY IS INVOLVED UNDER THIS APPLICATION.

Zoning:	M3-2,,	Special District:	N/A	Stories:	2
Use:	COMMERCIAL BUILDINGS -	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	NO		

Contractor:	EMANUEL PERAKIS	Lic:	0001254-MP
Business:	E P PLUMBING CORP	Phone:	718-963-1808
557 LORIMER STREET BROOKLYN NY 11211			

Superintendent of Construction:	EMANUEL PERAKIS	Phone:	718-963-1808
Business:	E P PLUMBING CORP		
557 LORIMER STREET BROOKLYN NY 11211			

Filing Rep:	H/J/A C/P/G	Phone:	718-545-8659
Business:	CHRYSLER ENGINEERING CO		
38-01 23 AVE LIC NY 11105			

Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Printable (PDF) version of this Permit

Job No:	402223553	Job Type / App No.:	ALT2	Fee:	STANDARD
Permit No:	402223553-01-EW-BL	Issued:	10/20/2005	Expires:	07/26/2006
Seq. No.:	01	Filing Date:	10/07/2005 INITIAL	Status:	ISSUED
Work:		Proposed Job Start:	10/20/2005	Work Approved:	10/07/2005

ALT2 - BOILER GAS TO GAS BOILER REPLACEMENT. REPLACE BOILER AND BURNER WITH A BURNHAM V905 AND A POWERFLMAE JR30A12. NO CHANGE IN EGRESS USE OR OCCUPANCY IS INVOLVED UNDER THIS APPLICATION.

Zoning:	M3-2,,	Special District:	N/A	Stories:	2
Use:	COMMERCIAL BUILDINGS -	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	NO		

Contractor:	EMANUEL PERAKIS	Lic:	0001254-MP
Business:	E P PLUMBING CORP	Phone:	718-963-1808
557 LORIMER STREET BROOKLYN NY 11211			

Superintendent of Construction:	EMANUEL PERAKIS	Phone:	718-963-1808
Business:	E P PLUMBING CORP		
557 LORIMER STREET BROOKLYN NY 11211			

Filing Rep:	H/J/A C/P/G	Phone:	718-545-8659
Business:	CHRYSLER ENGINEERING CO		
38-01 23 AVE LIC NY 11105			


Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Job No: 401173092

Job Type / App No.: ALT2

Fee: STANDARD

Permit No: 401173092-01-PL

Issued: 09/18/2003

Expires: 09/17/2004

Seq. No.: 01

Filing Date: 09/08/2003 INITIAL

Status: ISSUED

Work:

Proposed Job Start: 09/18/2003

Work Approved: 10/25/2000

PLUMBING - ALT2 REMOVAL OF 14,250 FEET OF THE EXISTING BUILDING.

Zoning: N/A

Special District: N/A

Use: N/A

No. Dwellings: N/A

Stories: 1

Total Floor Area: N/A

Landmark: NO

Contractor: PASQUALE QUARATINO

Lic: 0001370-MP

Business: HARRIS PLUMBING & HEATING

Phone: 718-495-3400

79 GEORGIA AVE BROOKLYN NY 11207

Superintendent of Construction: PASQUALE QUARATINO

Business: HARRIS PLUMBING & HEATING

Phone: 718-495-3400

79 GEORGIA AVE BROOKLYN NY 11207

Filing Rep: ZENaida/ROMA LOPEZ/STELLON

Business: AEC CONSULTING & EXPEDITING INC

Phone: 212-619-0200

20 VESEY ST STE 909 NEW YORK NY 10007

Site Mgr:
Business:

Phone:

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Work Permit Data

Premises: 50-09 27 STREET QUEENS

Filed At: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Job No: 401173092

Permit No: 401173092-01-EW-OT

Seq. No.: 01

Work:

ALT2 - BLDG. REMOVAL

REMOVAL OF 14,250 FEET OF THE EXISTING BUILDING.

Job Type / App No.: ALT2

Issued: 09/08/2003

Filing Date: 09/08/2003 INITIAL

Proposed Job Start: 09/08/2003

Fee: STANDARD

Expires: 01/05/2004

Status: ISSUED

Work Approved: 10/25/2000

Zoning: N/A

Use: N/A

Total Floor Area: N/A

Special District: N/A

No. Dwellings: N/A

Landmark: NO

Stories: 1

Contractor: DOMINICK COLASUONNO

Business: AMERICAN COMPACTION SYSTEM I

44 NORTH SAW MILL RIVER ELMSFORD NY 10523

Lic: GC

Phone: 914-594-9700

Superintendent of Construction: DOMINICK COLASUONNO

Business: AMERICAN COMPACTION SYSTEM I

44 NORTH SAW MILL RIVER ELMSFORD NY 10523

Phone: 914-594-9700

Filing Rep:

Business:

Phone:

Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Job No:	400879206	Job Type / App No.:	SIGN	Fee:	STANDARD
Permit No:	400879206-01-SG	Issued:	08/28/1998	Expires:	NONE
Seq. No.:	01	Filing Date:	08/28/1998 INITIAL	Status:	REVOKED
Work:		Proposed Job Start:	08/28/1998	Work Approved:	08/26/1998

GROUND STRUCTURE AND ILLUMINATED ADVERTISING SIGN-INSIDE PROPERTY LINE
SIGN - GROUND STRUCTURE AND ILLUMINATED ADVERTISING SIGN-INSIDE PROPERTY LINE
NOT WITHIN 200' OF AN ARTERIAL HIGHWAY

Zoning:	M3-2,,	Special District:	N/A		
Use:	N/A	No. Dwellings:	N/A	Stories:	N/A
Total Floor Area:	N/A	Landmark:	N/A		

Contractor: JON CAPPELLI
Business: JOHN CAPPELLI ERECTORS INC
535 MANIDA STREET BRONX NY 10474

Lic: 0000116-SI
Phone: 718-378-0100

Superintendent of Construction: JON CAPPELLI
Business: JOHN CAPPELLI ERECTORS INC
535 MANIDA STREET BRONX NY 10474

Phone: 718-378-0100

Filing Rep: LEN WEISENTHAL
Business: LOUIS STRIAR INC

Phone: 718-261-5673

118-21 QUEENS BLVD ROOM 608 FOREST HILLS NY 11375

Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

View Permit History

Job No:	<u>400879199</u>	Job Type / App No.:	SIGN	Fee:	STANDARD
Permit No:	400879199-01-SG	Issued:	11/05/1999	Expires:	NONE
Seq. No.:	02	Filing Date:	11/03/1999 RENEWAL	Status:	ISSUED
Work:		Proposed Job Start:	08/28/1998	Work Approved:	08/26/1998

GROUND STRUCTURE AND ILLUMINATED ACCESSORY BUSINESS SIGN-INSIDE PROPERTY
SIGN - GROUND STRUCTURE AND ILLUMINATED ACCESSORY BUSINESS SIGN-INSIDE PROPERTY
NOT WITHIN 200' OF AN ARTERIAL HIGHWAY

Zoning:	M3-2,,	Special District:	N/A	Stories:	N/A
Use:	N/A	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	N/A		

Contractor: JON CAPPELLI
Business: JOHN CAPPELLI ERECTORS INC
535 MANHATTAN STREET BRONX NY 10474

Lic: 0000116-SI
Phone: 718-378-0100

Superintendent of Construction: JON CAPPELLI
Business: JOHN CAPPELLI ERECTORS INC
535 MANHATTAN STREET BRONX NY 10474

Phone: 718-378-0100

Filing Rep: LEN WEISENTHAL
Business: LOUIS STRIAR INC
118-21 QUEENS BLVD ROOM 608 FOREST HILLS NY 11375

Phone: 718-261-5673

Site Mgr:
Business:

Phone:

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Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

View Permit History

Job No:	<u>400879180</u>	Job Type / App No.:	SIGN	Fee:	STANDARD
Permit No:	400879180-01-SG	Issued:	11/05/1999	Expires:	NONE
Seq. No.:	02	Filing Date:	08/26/1999 RENEWAL	Status:	ISSUED
Work:		Proposed Job Start:	08/28/1998	Work Approved:	08/26/1998

ILLUMINATED ACCESSORY BUSINESSES SIGN ON G ROUND STRUCTURE INSIDE PROPERTY
SIGN - ILLUMINATED ACCESSORY BUSINESSES SIGN ON G ROUND STRUCTURE INSIDE PROPERTY
NOT WITHIN 200' OF AN ARTERIAL HIGHWAY

Zoning:	M3-2,,	Special District:	N/A	Stories:	N/A
Use:	N/A	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	N/A		

Contractor:	JON CAPPELLI	Lic:	0000116-SI
Business:	JOHN CAPPELLI ERECTORS INC	Phone:	718-378-0100
	535 MANIDA STREET BRONX NY 10474		

Superintendent of Construction:	JON CAPPELLI		
Business:	JOHN CAPPELLI ERECTORS INC	Phone:	718-378-0100
	535 MANIDA STREET BRONX NY 10474		

Filing Rep:	LEN WEISENTHAL		
Business:	LOUIS STRIAR INC	Phone:	718-261-5673
	118-21 QUEENS BLVD ROOM 608 FOREST HILLS NY 11375		

Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Job No: 400879171

Job Type / App No.: SIGN

Fee: STANDARD

Permit No: 400879171-01-SG

Issued: 08/28/1998

Expires: NONE

Seq. No.: 01

Filing Date: 08/28/1998 INITIAL

Status: REVOKED

Work:

Proposed Job Start: 08/28/1998

Work Approved: 08/27/1998

ILLUMINATED ADVERTISING SIGN ON GROUND STRUCTURE-INSIDE PROPERTY LINE

SIGN - ILLUMINATED ADVERTISING SIGN ON GROUND STRUCTURE-INSIDE PROPERTY LINE

NOT WITHIN 200' OF ARTERIAL HIGHWAY

Zoning: M3-2,,

Special District: N/A

Use: N/A

No. Dwellings: N/A

Stories: N/A

Total Floor Area: N/A

Landmark: N/A

Contractor: JON CAPPELLI

Lic: 0000116-SI

Business: JOHN CAPPELLI ERECTORS INC
535 MANIDA STREET BRONX NY 10474

Phone: 718-378-0100

Superintendent of Construction: JON CAPPELLI

Business: JOHN CAPPELLI ERECTORS INC
535 MANIDA STREET BRONX NY 10474

Phone: 718-378-0100

Filing Rep: LEN WEISENTHAL

Business: LOUIS STRIAR INC

Phone: 718-261-5673

118-21 QUEENS BLVD ROOM 608 FOREST HILLS NY 11375

Site Mgr:

Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Inspection History

Job No:	<u>400791817</u>	Job Type / App No.:	ALT2	Fee:	STANDARD
Permit No:	400791817-01-PL	Issued:	11/28/1997	Expires:	11/28/1998
Seq. No.:	01	Filing Date:	11/28/1997 INITIAL	Status:	ISSUED
Work:		Proposed Job Start:	11/28/1997	Work Approved:	11/21/1997

PLUMBING - ALT2 REPLACE BURNER ON EXIST BOIL.INSTALL NEW GAS SVCE,METER & PIPING,ABANDON
BURIED FUEL OIL TANK.NO CHANGE

Zoning:	N/A	Special District:	N/A	Stories:	2
Use:	N/A	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	NO		

GAS SERVICE OK 01/23/1998

Contractor:	ANTHONY FONTANA	Lic:	0001470-MP
Business:	TANA TEMPERATURE CONTROL & PLBG	Phone:	914-237-1700
	490 EAST 163RD STREET BRONX NY 10451		

Superintendent of Construction:	ANTHONY FONTANA		
Business:	TANA TEMPERATURE CONTROL & PLBG	Phone:	914-237-1700
	490 EAST 163RD STREET BRONX NY 10451		

Filing Rep:	PETER MOSKOVER		
Business:	D&D EXPEDITOR	Phone:	516-884-1617
	597 NORTH KINGS AVENUE LINDENHURST NY 11757		


Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Job No:	<u>400791817</u>	Job Type / App No.:	ALT2	Fee:	STANDARD
Permit No:	400791817-01-EW-FB-GAS	Issued:	11/28/1997	Expires:	07/09/1998
Seq. No.:	01	Filing Date:	11/28/1997 INITIAL	Status:	ISSUED
Work:		Proposed Job Start:	11/28/1997	Work Approved:	11/21/1997

ALT2 - FUEL BURNING REPLACE BURNER ON EXIST BOIL.INSTALL NEW GAS SVCE,METER & PIPING,ABAND
BURIED FUEL OIL TANK.NO CHANGE

Zoning:	N/A	Special District:	N/A	Stories:	2
Use:	N/A	No. Dwellings:	N/A		
Total Floor Area:	N/A	Landmark:	NO		

Contractor:	ANTHONY FONTANA	Lic:	0001470-MP
Business:	TANA TEMPERATURE CONTROL & PLBG	Phone:	914-237-1700
	490 EAST 163RD STREET BRONX NY 10451		

Superintendent of Construction:	ANTHONY FONTANA		
Business:	TANA TEMPERATURE CONTROL & PLBG	Phone:	914-237-1700
	490 EAST 163RD STREET BRONX NY 10451		

Filing Rep:	PETER MOSKOVER		
Business:	D&D EXPEDITOR	Phone:	516-884-1617
	597 NORTH KINGS AVENUE LINDENHURST NY 11757		


Site Mgr:
Business:

Phone:

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NYC Department of Buildings

Work Permit Data

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET QUEENS

Job No: 400791817

Job Type / App No.: ALT2

Fee: STANDARD

Permit No: 400791817-01-EW-OT

Issued: 11/28/1997

Expires: 07/12/1998

Seq. No.: 01

Filing Date: 11/28/1997 INITIAL

Status: ISSUED

Work:

Proposed Job Start: 11/28/1997

Work Approved: 11/21/1997

ALT2 - GEN CONSTRUCT

REPLACE BURNER ON EXIST BOIL.INSTALL NEW GAS SVCE,METER & PIPING,ABANDON

Zoning: N/A

Special District: N/A

Use: N/A

No. Dwellings: N/A

Stories: 2

Total Floor Area: N/A

Landmark: NO

Contractor: ED LEVINSON

Lic: GC

Business: BLACKTHORN MECHANICAL

Phone: 914-237-9062

28-11 34TH AVENUE ASTORIA NY 11106

Superintendent of Construction: ED LEVINSON

Business: BLACKTHORN MECHANICAL

Phone: 914-237-9062

28-11 34TH AVENUE ASTORIA NY 11106

Filing Rep: PETER MOSKOVER

Business: D&D EXPEDITOR

Phone: 516-884-1617

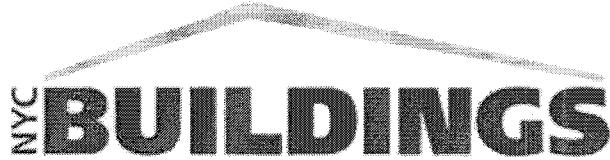
597 NORTH KINGS AVENUE LINDENHURST NY 11757

Site Mgr:
Business:

Phone:

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NYC Department of Buildings
Electrical Application Browse for an Address

Page: 1

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Job Count: 1

Showing All Applications ([Show Active](#)) ([Show Inactive](#)) ([Show Minor Work](#))

CONTROL
NUMBER

ENTER DATE

STATUS /
STATUS DATE

LAST INSPECTION

A162024

09/14/1999

I - AWAITING INSPECTION
10/01/1999

INSPECTOR NAME:
INSPECTION DATE:

TYPE: A - APPLICATION

FEE: \$30.50

FIRM NAME: JOHN CAPPELLI ELEC'L INST

FIRM #: 002233

LICENSEE NAME: NANNETTI RICHARD

LICENSEE #: 010610

CERTIFICATE STATUS: Z - FEE BILLED, CERT/SIGNOFF PENDING

ADVISORY BOARD INFO? NO

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NYC Department of Buildings

Overview for Complaint #:4239668 = RESOLVED

Complaint at: 50-09 27 STREET **BIN:** 4436648 **Borough:** QUEENS **ZIP:** 11101
Re: THE CALLER IS COMAPLINT ABOUT A ROLL OFF CONTAINER THAT LOOK
S LIKE IT HAS BEEN ABANBONED AND IT IS FILLED WITH EXCESSIVE AMOUNT OF
CONSTRUCSTION AND THE DEBRIS IS FLYING ALL OVER THE PLACE

Category Code: 09 DEBRIS - EXCESSIVE
Special District: N/A
Assigned To: QUEENS BOROUGH OFFICE **Priority:** B

Received: 09/09/2005 18:16 **Block:** 113L **ot:** 1 **Community Board:** 402
Owner: PATENT CONSTRUCTION SYSTEMS


Last Inspection: 10/22/2005 - - BY BADGE # 1995 KRIKORIAN PHILIP QUEENS
Disposition: 10/28/2005 - - I2 - NO ACTION NECESSARY BASED UPON PHYSICAL OBSERVATION
Disposition Entered By: CHO 10/28/2005
Comments: NO CONTAINER AT LOCATION NO ACTION NECESSARY

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
---------------------	------	-------------	------------------	------

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NYC Department of Buildings
Complaints By Address

Page: 1 of 1

3 Total Complaints at BIN: 4436648

Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
<u>4239668</u>	50-09 27 STREET	09/09/2005	09	10/22/2005	I2	RES
<u>4090478</u>	50-09 27 STREET	04/05/1999	05	04/22/1999	A9	RES
<u>4089026</u>	50-09 27 STREET	02/22/1999	05	03/01/1999	I2	RES

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NYC Department of Buildings

Overview for Complaint #:4090478 = RESOLVED

Complaint at: 50-09 27 STREET

BIN: 4436648

Borough: QUEENS

ZIP: 11101

Re: WORK BEING DONE UNDER STOP WORK ORDER

Category Code: 05 PERMIT - NONE (BUILDING/ PA/ DEMO ETC.)

Special District: N/A

Assigned To: QUEENS BOROUGH OFFICE

Priority: B

Received: 04/05/1999 09:04

Block: 113L ot: 1

Community Board: 402

Owner: PATENT CONSTRUCTION SYSTEMS

Last Inspection: 04/22/1999 - - BY BADGE # 0578 YIP DAVID CHUNG QUEENS

Disposition: 04/23/1999 - - A9 - ECB & DOB VIOLATIONS SERVED

Disposition Entered By: CHO 04/23/1999

Comments: WORK W/O PERMIT, SIGN STRUCTURE BEING ERECTED W/O A VALID PERMIT. PERMIT REVOKED PER BOROUGH COMMISSIONER 4/22/99

DOB Violation #: 042299C02Y01


ECB Violation #s: 34191363P

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
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NYC Department of Buildings

Overview for Complaint #:4089026 = RESOLVED

Complaint at: 50-09 27 STREET BIN: 4436648 Borough: QUEENS ZIP: 11101
Re: SIGN BEING ERECTED - LIFTING UP 1200 POUNDS WITHOUT LICENSE
DOES NOT COMPLY TO ENGINEERS DRAWINGS - 50' FROM ARTERIAL HIGHWAY

Category Code: 05 PERMIT - NONE (BUILDING/ PA/ DEMO ETC.)
Special District: N/A
Assigned To: QUEENS BOROUGH OFFICE Priority: B

Received: 02/22/1999 10:38 Block: 113L ot: 1 Community Board: 402
Owner: PATENT CONSTRUCTION SYSTEMS

Last Inspection: 03/01/1999 - - BY BADGE # 0578 YIP DAVID CHUNG QUEENS
Disposition: 03/04/1999 - - I2 - NO ACTION NECESSARY BASED UPON PHYSICAL OBSERVATION
Disposition Entered By: CHO 03/04/1999
Comments: PERMIT 400879206, 400879199 FOR GROUND SIGN STRUCTURE NO
PEOPLE WORKING AT TIME OF INSPECTION

Complaint Disposition History

Disposition Date	Code	Disposition	Inspection By	Date
03/04/1999	C1	INSPECTOR UNABLE TO GAIN ACCESS ON FIRST (1ST) INSPECTION ATTEMPT PERMIT 400879206, 400879199 FOR GROUND SIGN STRUCTURE ISSUED	0578 YIP D	02/24/1999
03/04/1999	I2	NO ACTION NECESSARY BASED UPON PHYSICAL OBSERVATION PERMIT 400879206, 400879199 FOR GROUND SIGN STRUCTURE NO	0578 YIP D	03/01/1999

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NYC Department of Buildings
DOB Violations

Page: 1

BIN: 4436648 Block: 113 Lot: 1

Premises: 50-09 27 STREET QUEENS

NUMBER

TYPE

FILE DATE

V* 071778AH09051C

DOB VIOLATION DISMISSED

00/00/1978

DISMISSAL DATE:

AGENCY LICENSE:

BADGE NO.:

V 062893LL629114568

DOB VIOLATION - ACTIVE

06/28/1993

V 082995LL629145014

DOB VIOLATION - ACTIVE

08/29/1995

V 021097LL629132394

DOB VIOLATION - ACTIVE

02/10/1997

V 091697LL6291251079

DOB VIOLATION - ACTIVE

09/16/1997

V* 031699LL629125043

DOB VIOLATION DISMISSED

03/16/1999

VW 042299CC02Y01

VIOLATION WORK WITHOUT PERMIT - ACTIVE

04/22/1999

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NYC Department of Buildings

DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 **Block:** 113 **Lot:** 1

Issue Date: 04/22/1999

Violation Category: VW - VIOLATION WORK WITHOUT
PERMIT - ACTIVE

Violation Type: C - CONSTRUCTION

Device No.:

Violation Number: C02Y01

ECB No.: [34191363P](#) (refer to for further details)

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NYC Department of Buildings

ECB Violation Details

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Filed At: 50-09 27 STREET , QNS , NY 11101

ECB Viol Number: 34191363P

VIOL ACTIVE

Status: NO COMPL RECORD

Respondent Info:

PATENT CONSTRUCTION SY . 1 MACK CENTER DR , PARAMUS , NJ 07652

CB: 402

GEO Flag: 1

Viol Issue Date: 04/22/1999

Delivered Date: 04/22/1999

Viol Type: CN - CONSTRUCTION

DOB Viol Number: 042299C02Y01

Issuing Insp ID: 0578

Tax Lien Serv: NO

Device Type:

Device Number: 4436645

Sched Hrg Date: 10/12/1999

Hearing Time: 8:30

Location: QNS

Amount Imposed: \$500.00

Amount Paid: \$500.00

Hearing Status: V - IN VIOLATION

Compl Status: N - NO COMPL RECORD

Compl By Date: 03/01/2000

Compl Met Flag:

Compl Met Date:

Viol Severity: B - MODERATE

Infraction Codes:

B04 27-147 WORK WITHOUT A PERMIT

Description of Violation:

WORK W/O A PERMIT. WORK NOTED: SIGN STRUCTURE BEING ERECTED W/O A VALID PERMIT. AS PER INSTRUCTION BY THE BOROUGH COMMISSIONER THAT THE CURRENT PERMIT HAS BEEN REVOKED BY DEPT OF BLDG ON APRIL 22, 1999.

Historical Event Dates:

CUR:

HRG:

COM:

DEF:

STIP ACC:

AJR:

ASG:

WRI:


Cominsp:

Comdoc:

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NYC Department of Buildings
Open ECB "Work Without a Permit" Violations

Page: 1


Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

A ECB NUM / INF CD	RESPONDENT NAME	DATE OF ISSUANCE & DOB VIOL NUMB / PROV LAW	VIOL TYPE	STATUS
A <u>34191363P</u> B04	PATENT CONSTRUCTION	042299C02Y01 B04 - 27-147	CONS	NO COMP

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NYC Department of Buildings
ECB Query By Location

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Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1 CB: 402

A ECB NUM / INF CD	RESPONDENT NAME	DATE OF ISSUANCE & DOB VIOL NUMB / PROV LAW	VIOL TYPE	STATUS
A <u>34191363P</u> B04	PATENT CONSTRUCTION	042299C02Y01 27-147	CONS	NO COMP
D <u>32025800H</u> B4A	HARSCO CO.	080701B87232-03 27-127	BOIL	AFF ACC

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NYC Department of Buildings
DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Issue Date: 06/28/1993

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: LL6291 - BOILER

Device No.: 00087232

Violation Number: 14568

ECB No.:

Infraction Codes:

Disposition:

Code:

Date:

Inspector:

Comments:

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NYC Department of Buildings

DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Issue Date: 08/29/1995

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: LL6291 - BOILER

Device No.: 00087232

Violation Number: 45014

ECB No.:

Infraction Codes:

Disposition:

Code:


Date:

Inspector:

Comments:

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NYC Department of Buildings
DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Issue Date: 02/10/1997

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: LL6291 - BOILER

Device No.: 00087232

Violation Number: 32394

ECB No.:

Infraction Codes:

Disposition:

Code:

Date:

Inspector:

Comments:

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NYC Department of Buildings

DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Issue Date: 09/16/1997

Violation Category: V - DOB VIOLATION - ACTIVE

Violation Type: LL6291 - BOILER

Device No.: 00087232

Violation Number: 251079

ECB No.:

Infraction Codes:

Disposition:

Code:


Date:

Inspector:

Comments:

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NYC Department of Buildings

DOB Violation Display

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

Issue Date: 03/16/1999

Violation Category: V* - DOB VIOLATION DISMISSED

Violation Type: LL6291 - BOILER

Device No.: 00087232

Violation Number: 25043

ECB No.:

Infraction Codes:

Disposition:

Code: D - DISMISSED

Date: 08/20/1999

Inspector:

Comments: JMDCIA DISMISSED FULL PENALTY PAYMENT OF
500.00 CK#770 INV

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NYC Department of Buildings Job Overview

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Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

To start overview at new date, select Month: Day: Year:

Filter by job type:

FILE DATE	JOB NUMBER	DOC #	JOB TYPE	FLOOR	JOB STATUS	STATUS DATE	APPLICANT	FILING REP
11/17/1997	<u>400791817</u>	01	A2	GAR	R PERMIT-ENTIRE	11/28/1997	RUDIHOFF	MOSKOV
	REPLACE BURNER ON EXIST BOIL.INSTALL NEW GAS SVCE,METER & PIPING,ABANDON							
08/07/1998	<u>400879206</u>	01	SG		R PERMIT-ENTIRE	08/28/1998	LEWIS	
	GROUND STRUCTURE AND ILLUMINATED ADVERTISING SIGN-INSIDE PROPERTY LINE							
08/07/1998	<u>400879199</u>	01	SG		R PERMIT-ENTIRE	11/05/1999	LEWIS	
	GROUND STRUCTURE AND ILLUMINATED ACCESSORY BUSINESS SIGN-INSIDE PROPERTY							
08/10/1998	<u>400879171</u>	01	SG		R PERMIT-ENTIRE	08/28/1998	LEWIS	
	ILLUMINATED ADVERTISING SIGN ON GROUND STRUCTURE-INSIDE PROPERTY LINE							
08/11/1998	<u>400879180</u>	01	SG		R PERMIT-ENTIRE	11/05/1999	LEWIS	
	ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND STRUCTURE INSIDE PROPERTY							
05/26/1999	<u>400879180</u>	02	SG		P APPROVED	08/12/1999	LEWIS	WEISEN
	POST APPROVAL AMENDMENT FOR 01 ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND							
06/24/1999	<u>400879180</u>	03	SG		P APPROVED	08/13/1999	LEWIS	

POST APPROVAL AMENDMENT FOR 01 ILLUMINATED ACCESSORY BUSINESS SIGN ON GROU

06/28/1999	400879180	04	SG	P APPROVED	08/13/1999	LEWIS	
POST APPROVAL AMENDMENT FOR 01 GROUND STRUCTURE AND ILLUMINATED ACCESSORY							
06/28/1999	400879180	05	SG	P APPROVED	08/13/1999	LEWIS	
POST APPROVAL AMENDMENT FOR 01 ILLUMINATED ACCESSORY BUSINES SIGN ON G RO							
08/12/1999	400879199	02	SG	P APPROVED	08/13/1999	LEWIS	
POST APPROVAL AMENDMENT FOR 01 GROUND STRUCTURE AND ILLUMINATED ACCESSORY							
10/10/2000	401173092	01	A2	001 R PERMIT-ENTIRE	09/18/2003	COSTA	MENA
REMOVAL OF 14,250 FEET OF THE EXISTING BUILDING.							
10/07/2005	402223553	01	A2	UDG R PERMIT-ENTIRE	10/20/2005	CHRYSLER	CHRYSL
GAS TO GAS BOILER REPLACEMENT. REPLACE BOILER AND BURNER WITH A BURNHAM V9							
11/18/2005	402223553	02	A2	UDG P APPROVED	11/18/2005	CHRYSLER	CHRYSL
POST APPROVAL AMENDMENT FOR 01							
12/01/2005	402223553	03	A2	UDG P APPROVED	12/01/2005	CHRYSLER	CHRYSL
POST APPROVAL AMENDMENT FOR 01							

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.



 [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Actions

Page: 1

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

NUMBER		TYPE	FILE DATE
ALT 842-23		ALTERATION	08/08/1923
ALT 843-23		ALTERATION	08/08/1923
ALT 5156-29		ALTERATION	08/08/1929
ALT 369-30		ALTERATION	08/08/1930
ALT 7796-32		ALTERATION	08/08/1932
<u>CO 103-29</u>	(PDF)	CERTIFICATE OF OCCUPANCY	08/08/1929
MISC 410-40		MISCELLANEOUS	08/08/1940
MISC 12411-46PR		MISCELLANEOUS	08/08/1946
MISC 4371-47FO		MISCELLANEOUS	08/08/1947
MISC 540-66		MISCELLANEOUS	08/08/1966


Next

Enter Action Type:

Or Select from List:

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 [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Actions

Page: 2

Premises: 50-09 27 STREET QUEENS

BIN: **4436648** Block: 113 Lot: 1

NUMBER	TYPE	FILE DATE
NB 732-07	NEW BUILDING	08/08/1907
NB 431-13	NEW BUILDING	08/08/1913
NB 432-13	NEW BUILDING	08/08/1913
NB 3322-13	NEW BUILDING	08/08/1913
NB 129-16	NEW BUILDING	08/08/1916
NB 1270-18	NEW BUILDING	08/08/1918
NB 2015-18	NEW BUILDING	08/08/1918
NB 1992-18	NEW BUILDING	08/08/1918
NB 50-19	NEW BUILDING	08/08/1919
NB 7706-23	NEW BUILDING	08/08/1923

[Previous](#)

[Next](#)

Enter Action Type: Or Select from List:

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[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings
Actions

Page: 3

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

NUMBER	TYPE	FILE DATE
NB 7733-23	NEW BUILDING	08/08/1923
NB 9037-23	NEW BUILDING	08/08/1923
NB 10599-23	NEW BUILDING	08/08/1923
NB 14460-23	NEW BUILDING	08/08/1923
NB 14631-26	NEW BUILDING	08/08/1926
NB 1430-41	NEW BUILDING	00/00/1941
PRS 1312-60	PLUMBING REPAIR SLIP	08/08/1960
V* 071778AH09051C	DOB VIOLATION DISMISSED	00/00/1978
DISMISSAL DATE:	AGENCY LICENSE:	BADGE NO.:
V 062893LL629114568	DOB VIOLATION - ACTIVE	06/28/1993
V 082995LL629145014	DOB VIOLATION - ACTIVE	08/29/1995

Previous

Next

Enter Action Type: Or Select from List:

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 [CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Actions

Page: 4

Premises: 50-09 27 STREET QUEENS

BIN: 4436648 Block: 113 Lot: 1

NUMBER	TYPE	FILE DATE
<u>V 021097LL629132394</u>	DOB VIOLATION - ACTIVE	02/10/1997
<u>V 091697LL6291251079</u>	DOB VIOLATION - ACTIVE	09/16/1997
<u>V* 031699LL629125043</u>	DOB VIOLATION DISMISSED	03/16/1999
<u>VW 042299CC02Y01</u>	VIOLATION WORK WITHOUT PERMIT - ACTIVE	04/22/1999
<u>VECB 042299C02Y01</u>	ECB VIOLATION - ACTIVE	04/22/1999
<u>VEC* 080701B87232-03</u>	ECB VIOLATION DISMISSED	08/07/2001

[Previous](#)

Enter Action Type:

Or Select from List:

[Refresh](#)

If you have any questions please review these [Frequently Asked Questions](#), the [Glossary](#), or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

**New York City Department of Finance
Office of the City Register**

HELP

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:















Borough: QUEENS
Block: 113
Lot: 1
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 7 << previous next >>

Max Rows

[Search Options] [New BBL Search] [Edit Current Search] [**Print Index**]

View	Reel/Pg/File/CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
 	5627/1942	1	ENTIRE LOT	7/13/2000	MAPS	1	CITY OF NEW YORK					0
 	5280/2491	1	ENTIRE LOT	6/18/1999	DECLARATION	3	PATENT CONSTRUCTIONS	SYSTEMS				0
 	5280/2488	1	ENTIRE LOT	6/18/1999	DECLARATION	3	PATENT CONSTRUCTIONS	SYSTEMS				0
 	2893/1321	1	ENTIRE LOT	10/24/1989	MISCELLANEOUS	4	STATE OF NEW YORK					0
 	2893/1318	1	ENTIRE LOT	10/24/1989	MISCELLANEOUS	3	STATE OF NEW YORK					0
 	2859/2260	1	ENTIRE LOT	8/16/1989	MISCELLANEOUS	2	STATE OF NEW YORK					0
 	2859/2251	1	ENTIRE LOT	8/16/1989	MAPS	9	STATE OF NEW YORK					0

Search Options

New Parcel Identifier Search

Edit Current Search

RESTRICTIVE DECLARATION

DECLARATION, made this 7th day of MAY, 1999 at 50-09 27th STREET

WHEREAS, Declarant is the fee owner of certain real property ("the premises") in the City of New York, Borough of QUEENS, designated as Block 113, Lot 1 on the Tax Map of the City of New York, and more particularly described in Exhibit A metes and bounds annexed hereto;

WHEREAS, the premises is located in an M3-2 zoning district and is within 200 feet of an arterial highway or a public park of one-half acre or more;

WHEREAS, Section 42 - 53 of the Zoning Resolution of the City of New York prohibits the erection of an advertising sign, as defined by Section 12-10 of the Zoning Resolution of the City of New York, in an M3-2 zoning district within 200 feet of an arterial highway or a public park of one-half acre or more if such advertising sign is within view of such arterial highway or public park;

WHEREAS, Declarant proposes to erect a sign on the premises which directs attention to PATENT CONSTRUCTION SYSTEMS, a business conducted on the premises, and which is not an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York;

WHEREAS, the Department of buildings ("the Department") has advised Declarant that in order to insure compliance with Section 42 - 53 of the Zoning Resolution of the City of New York, one of the conditions for obtaining a permit for the erection of such sign is that Declarant must execute a declaration setting forth certain conditions under which the sign must be removed or a new permit obtained from the Department;

NOW, THEREFORE, Declarant does hereby declare the following:

1. If at any time the principal use of the premises is changed or an occupant of the premises ceases to occupy the premises such that the existing sign would be classified as an advertising sign as defined by Section 12-10 of the Zoning Resolution of the City of New York, the sign must be removed and an application to alter the sign must be filed with the Department of Buildings at such time as a new sign is to be erected.
2. This declaration may not be modified, amended or terminated without the prior written consent of the Department.
3. The covenants set forth herein shall run with the land and be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.
4. The failure to comply with the terms of this declaration may result in the denial or revocation of a permit or certificate of occupancy.
5. This declaration shall be recorded at the county clerk or city register's office and filed with the Department prior to the issuance of any permits or certificates of electrical inspection by the Department. Reference to the type of declaration, together with the reel, page and liber number and place of filing, shall be noted on the permit issued for the sign.

IN WITNESS WHEREOF, Grantor has made and executed the foregoing Restrictive Declaration as of the date hereinabove written.

By [Signature]
VP/PATENT CONSTRUCTION SYSTEMS

*TORN OR MUTILATED
WHEN RECEIVED

STATE OF NEW YORK)
) ss.:
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual (s) described in and who executed the within instrument, and (he) (she) (they)
thereupon acknowledged that (he) (she) (they) executed the same.

Notary Public

STATE OF NEW YORK)
) ss.:
COUNTY OF Bergen)

On this 7th day of May, 19 99, before me personally came MICHAEL AMES
to me known, who being by me duly sworn, did depose and say that resides at 50-09 27th STREET, that he is the
(Vice) President of PATENT CONSTRUCTION SYSTEMS, the corporation described in and which executed the
foregoing instrument: and that he signed his name thereto by authority of the Board of Directors of such corporation.

Phyllis Betancourt
Notary Public
PHYLIS BETANCOURT
Notary Public
My Commission Expires 12/31/2000

STATE OF NEW YORK)
) ss.:
COUNTY OF)

On this ____ day of _____, 19 ____, before me personally came _____
to me known and known to me to be the individual who executed the foregoing instrument, who being by me duly sworn, did depose
and say that (s) he is one of the (general) partners of _____ a (limited) partnership; that (s) he
executed the foregoing instrument in the name of such partnership; and that (s) he had the authority to so execute the same as the act
and deed of said partnership for the uses and purposes therein mentioned.

Notary Public

EXHIBIT A -- Metes and bounds are

THIS PROPERTY LIES ON THE NORTHWEST CORNER OF 27th STREET AND
QUEENS MIDTOWN EXPRESSWAY.
STARTING ON THE CORNER THE PROPERTY RUNS 319.52' NORTH, RUNS
367.1' EAST, RUNS 377.29 SOUTH SOUTHWEST, RUNS 55.75' WEST,
RUNS 14.93' NORTH, RUNS 4.1' WEST, RUNS 52.12' SOUTH, RUNS
17.44' WEST, RUNS 36.71' SOUTH TO QUEENS MIDTOWN EXPRESSWAY,
AND RUNS 147.59' WEST NORTHWEST ON QUEENS MIDTOWN EXPRESSWAY.

**CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- QUEENS COUNTY -**

(This page forms part of the instrument)

REEL 5280 PG 2493

Block(s): 113
 Lot(s): 1
50-09 27 5T

Title/Agent Company Name:
 Title Company Number:

NAME **LOUIS STRIAR INC**
 ADDRESS **118-21 QUEENS BLVD #808**
FOREST HILLS, NY 11375-7201
(718) 281-5873 • FAX (718) 520-8057
 CITY STATE ZIP

OFFICE USE ONLY DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (s):

Mile Tax Serial No.
 Mile Amount \$
 Taxable Amount \$

Exemption (✓) YES ☐ NO ☐

Type: 3398A 336 OTHER

Dwelling Type: 1 to 2 3 4 to 6 over 6

TAX RECEIVED ON ABOVE MORTGAGE

County (basic) \$
 City (Add'l) \$
 Spec Add'l \$
 TASF \$
 MTA \$
 NYCTA \$
TOTAL TAX \$

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Butrow, City Register

City Register Serial Number **061756**

Indexed By (s): Verified By (s):

Block(s) and Lot(s) verified by (s)

Address ☒ Tax Map ☐

Extra Block(s) Lot(s)

Recording Fee 32 \$
 Affidavit Fee (C) \$
 TP-584/582 Fee (Y) \$
 RPTT Fee (R) \$
 HPD-A ☐ HPD-C ☐

New York State Real Estate Transfer Tax

Serial Number

New York City Real Property Transfer Tax

Serial Number

New York State Gains Tax

Serial Number

OTHER CONVEYANCE
 LOI/JL PSR REPT DATE
 6-2 1 66730 Jun 15-99 101



**RECORDED IN QUEENS COUNTY
OFFICE OF THE CITY REGISTER**

1999 JUN 18 A 11: 58

Witness My Hand and Official Seal

Joy A. Butrow
 City Register

CRG/MSO.BPG 11/98

ROW 11-R1 a (12/84)
(Section B)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:

DESCRIPTIONS AND MAPS

MAP NOS.

PARCEL NOS.

INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

12

12

AFFIDAVIT OF PERSONAL SERVICE

State of New York)
County of Queens) SS.

John F. Morrison, being duly sworn, deposes and says: that he
is over eighteen years of age; that he resides at 354 Bay Ridge Parkway,
Brooklyn, New York 11209; that he made personal service on

of a copy of the attached notice of appropriation and a copy of each of the descriptions
and maps referred to therein, at the times and places set forth below:

(if corporation)

Name and Title

Name

of Officer Served

Place of Service

Date of Service

Joe Columbo, General
Manager

50-09 27th St.
Long Island City, NY
11101

9/27/89

APPROX. WGT: 160 lbs.

APPROX. HGHT: 5'6"

OTHER IDENT. FEATURES

SEX: Male

HAIR COLOR: Black

SKIN COLOR: White

APPROX. AGE 55

by delivering to and leaving personally with each of said persons and with each of the
above named corporate officers true copies thereof.

Deponent further states that he knew the persons and corporations so served by him
to be the same persons and corporations named in said notice and to whom said notice was
directed and further knew the persons named above as corporate officers to be such officers.

Sworn to before me this 20th day
of September, 19 89.

William P. Adler
Notary Public, State of New York

WILLIAM P. ADLER
Notary Public, State of New York
No. 24-404103
Qualified in Kings County
Commission Expires March 6, 1991

FILE 2893 PAGE 1318

ROW 91-R1a (11/84)
(Section A)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:
INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS	
MAP NOS.	PARCEL NOS.
12	12

REC-2093 MAY 13 1989

NOTICE OF APPROPRIATION

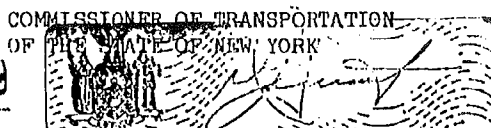
Pursuant to the statute set forth in the above descriptions and maps

TO: HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
I K G INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 19 89, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16th day of AUG 16 1989, 19 89, there was filed in the office of the CLERK of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said county clerk, REGISTAR

Dated: AUG 16 1989



BY: _____
D.J. Gurnett, Director, Real Estate Division

MAP 12 PARCEL 12

1-425 - QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

AFFIDAVIT OF PERSONAL SERVICE

TITLE BY FEILING PURCHASE IN SECTION 50 OF
THE HIGHWAY LAW AND EMINENT DOMAIN PROCEDURE LAW

BLOCK 112 LOT 1

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION
HUNTERS POINT PLAZA
42-40 2 ST STREET, ROOM 309
LONG ISLAND CITY, NEW YORK 11101

61756

10-19-89 9-11 0-CONV 509250
PAID 0-CONV \$0.00

RECORDED IN QUEENS COUNTY

1989 OCT 24 P 3:10

WITNESSED
AND OFFICED

guy R. [signature]

ROW 91-R1a (11/84)
(Section A)

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
REAL ESTATE DIVISION

APPROPRIATION OF PROPERTY BY THE PEOPLE OF THE STATE OF NEW YORK

PROJECT:
INTERSTATE ROUTE 495
QUEENS MIDTOWN VIADUCT
QUEENS COUNTY
CITY OF NEW YORK

DESCRIPTIONS AND MAPS	
MAP NOS.	PARCEL NOS.
12	12

REEL 2859 PAGE 2260

NOTICE OF APPROPRIATION

Pursuant to the statute set forth in the above descriptions and maps

TO: HARSCO CORPORATION - 270 Terminal Avenue, Clark, NJ 07066
I K G INDUSTRIES - 50-09 27th Street, Long Island City, NY 11101

TAKE NOTICE that on the 30th day of June, 1989, there was filed in the office of the Department of State a certified copy of each of the above designated descriptions and maps of property; and that on the 16th day of AUG 16 1989, 1989, there was filed in the office of the ~~clerk~~ REGISTRAR of the county, in which such property is situated, a copy of each of such descriptions and maps.

TAKE FURTHER NOTICE that title to the property, easements, interests or rights described in said descriptions and maps vested in The People of the State of New York upon such filing in the office of said county ~~clerk~~ REGISTRAR.

COMMISSIONER OF TRANSPORTATION
OF THE STATE OF NEW YORK

Dated: AUG 16 1989



BY: _____

D.J. Gurnett, Director, Real Estate Division

APPENDIX H

Soil Boring Logs

CA RICH CONSULTANTS, INC.

 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803

BORING LOG

Project Name & Location					Project Number	Date & Time Started:	September 6, 2006 @ 7:50 AM
Patent Construction Systems					06-PCS-1B	Date & Time Completed:	September 6, 2006 @ 8:30 AM
50-09 27th Street, Long Island City, NY							
Drilling Company					Foreman	Sampler(s)	Sampler Hammer Drop
Zebra Environmental Corp					Jim		
Drilling Equipment					Method	Elevation & Datum	Completion Depth
Geoprobe Remote Track Rig					Direct Push		8 feet
Bit Size(s)					Core Barrel(s)	Geologist(s)	Location:
					4' MacroCore	Michael Yager	B-01

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	3.0	0.4	8:20 AM	Grey medium to coarse sand with some gravel	No odor
4-8	4-8	3.0	8.2	8:30 AM	Grey medium to coarse sand with rounded gravel	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location				Project Number		Date & Time Started:		September 6, 2006 @ 8:40 AM	
Patent Construction Systems				50-09 27th Street, Long Island City, NY		06-PCS-1B		Date & Time Completed: September 6, 2006 @ 8:50 AM	
Drilling Company				Foreman		Sampler(s)		Sampler Hammer Drop	
Zebra Environmental Corp				Jim					
Drilling Equipment				Method		Elevation & Datum		Completion Depth	
Geoprobe Remote Track Rig				Direct Push				12 feet	
Bit Size(s)				Core Barrel(s)		Geologist(s)		Location:	
				4' MacroCore		Michael Yager		B-02	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	2.0	1.6	8:30 AM	Dark brown soil and fill material (brick, concrete, cinders asphalt, etc.) with some coarse sand and gravel	No odor
4-8	4-8	1.0	0.8	8:35 AM	Same as above - only 1 ft of recovery	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis
8-12	8-12	2.5	0.8	8:40 AM	Dark brown sandy/silty soil with gravel - saturated	No odor

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location		Project Number		Date & Time Started: <u>September 6, 2006 @ 8:50 AM</u>	
Patent Construction Systems		06-PCS-1B		Date & Time Completed: <u>September 6, 2006 @ 9:00 AM</u>	
50-09 27th Street, Long Island City, NY					
Drilling Company		Foreman		Sampler(s) Sampler Hammer Drop	
Zebra Environmental Corp		Jim			
Drilling Equipment		Method		Elevation & Datum Completion Depth	
Geoprobe Remote Track Rig		Direct Push		12 feet	
Bit Size(s)		Core Barrel(s)		Geologist(s) Location:	
		4' MacroCore		Michael Yager B-03	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	2.0	0.4	8:50 AM	Dark brown soil and fill material (brick, concrete, cinders asphalt, etc.)	No odor
4-8	4-8	1.5	0.4	8:55 AM	Brown sandy soil with red brick, cinders and fill	No odor GW @ approximately 8 ft below grade Submit 4'-8' for lab analysis
8-12	8-12	2.5	0.6	9:00 AM	Brown sandy/silty soil with gravel and fill with black 'peat' tip - saturated	No odor

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location Patent Construction Systems 50-09 27th Street, Long Island City, NY				Project Number 06-PCS-1B		Date & Time Started: <u>September 6, 2006 @ 9:10 AM</u>	
						Date & Time Completed: <u>September 6, 2006 @ 9:30 AM</u>	
Drilling Company Zebra Environmental Corp				Foreman Jim		Sampler(s) Sampler Hammer Drop	
Drilling Equipment Geoprobe Remote Track Rig				Method Direct Push		Elevation & Datum Completion Depth 12 feet	
Bit Size(s)				Core Barrel(s) 4' MacroCore		Geologist(s) Location: Michael Yager B-04	
Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS	
0-4	0-4	1.0	3.3	9:10 AM	Dark brown soil with red brick, cinders and some tan coarse sand and gravel	No odor	
4-8	4-8	>1.0	4.8	9:20 AM	Brown sandy soil with asphalt, cinders and fill materials	No odor GW @ approximately 9 ft below grade	
8-12	8-12	1.5	1.0	9:00 AM	Brown sandy/silty soil with gravel and fill to tan coarse sand and gravel to dark brown/black 'peat' layer	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis	

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location Patent Construction Systems 50-09 27th Street, Long Island City, NY		Project Number 06-PCS-1B		Date & Time Started: <u>September 6, 2006 @ 9:35 AM</u>	
				Date & Time Completed: <u>September 6, 2006 @ 9:45 AM</u>	
Drilling Company Zebra Environmental Corp		Foreman Jim		Sampler(s) Sampler Hammer Drop	
Drilling Equipment Geoprobe Remote Track Rig		Method Direct Push		Elevation & Datum Completion Depth 12 feet	
Bit Size(s)		Core Barrel(s) 4' MacroCore		Geologist(s) Michael Yager Location: B-05	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	2.0	0	9:35 AM	Brown sandy soil with interbedded red brick, cinders, asphalt and concrete fill	No odor
4-8	4-8	1.5	0	9:40 AM	Banded brown soil fill, sand and gravel	No odor
8-12	8-12	2.0	0.3	9:45 AM	Brown sandy soil and gravel to dark brown 'peat' layer to a dark brown clayey organic layer	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis

CA RICH CONSULTANTS, INC.
 Certified Groundwater and Environmental Specialists
 17 Dupont Street, Plainview, New York 11803
BORING LOG

Project Name & Location		Project Number		Date & Time Started: <u>September 6, 2006 @ 9:50 AM</u>	
Patent Construction Systems		06-PCS-1B		Date & Time Completed: <u>September 6, 2006 @ 10:15 AM</u>	
50-09 27th Street, Long Island City, NY					
Drilling Company		Foreman		Sampler(s) Sampler Hammer Drop	
Zebra Environmental Corp		Jim			
Drilling Equipment		Method		Elevation & Datum Completion Depth	
Geoprobe Remote Track Rig		Direct Push		12 feet	
Bit Size(s)		Core Barrel(s)		Geologist(s) Location:	
		4' MacroCore		Michael Yager B-06	

Sample Interval (feet)	Depth (feet)	Recovery (feet)	PID (ppm)	Sampling Time	SAMPLE DESCRIPTION	COMMENTS
0-4	0-4	1.5	0	9:50 AM	Banded brown, black, white, and green sandy soil, rock and fill materials	No odor
4-8	4-8	2.0	15	10:00 AM	Same as above with some red brick	Slight non-petroleum odor
8-12	8-12	1.5	0.6	10:15 AM	Brown/tan medium to coarse sand and gravel with some soil and fill materials	No odor GW @ approximately 9 ft below grade Submit 8'-12' for lab analysis

APPENDIX I

Laboratory Results

Friday, September 15, 2006

Michael Yager
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: PCS 50-09 27th St. Long Island City, N.Y.

Dear Michael Yager:

Order No.: 0609048

American Analytical Laboratories, LLC. received 6 sample(s) on 9/7/2006 for the analyses presented in the following report.

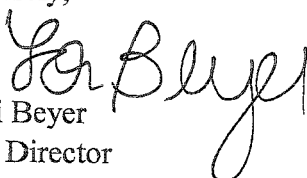
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,



Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT: CA Rich Consultants Inc.
Project: PCS 50-09 27th St. Long Island City, N.Y.
Lab Order: 0609048

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0609048-01A	B-01 [4-8]	11452	9/6/2006	9/7/2006
0609048-02A	B-02 [4-8]	11452	9/6/2006	9/7/2006
0609048-03A	B-03 [4-8]	11452	9/6/2006	9/7/2006
0609048-04A	B-04 [8-12]	11452	9/6/2006	9/7/2006
0609048-05A	B-05 [8-12]	11452	9/6/2006	9/7/2006
0609048-06A	B-06 [8-12]	11452	9/6/2006	9/7/2006

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: <ul style="list-style-type: none">(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-01 [4-8]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	12.1	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(a)anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(a)pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(b)fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(g,h,i)perylene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Benzo(k)fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Chrysene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Fluoranthene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Fluorene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Indeno(1,2,3-c,d)pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Phenanthrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
Pyrene	U	140		µg/Kg-dry	1	9/11/2006 8:57:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
1,3,5-Trimethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
4-Isopropyltoluene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Benzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Ethylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Isopropylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Methyl tert-butyl ether	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Naphthalene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
n-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
n-Propylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
o-Xylene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
sec-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
tert-Butylbenzene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM
Toluene	U	5.7		µg/Kg-dry	1	9/12/2006 1:29:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-02 [4-8]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-02A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	15.9	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Anthracene	290	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(a)anthracene	850	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(a)pyrene	780	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(b)fluoranthene	920	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(g,h,i)perylene	600	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Benzo(k)fluoranthene	310	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Chrysene	880	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Fluoranthene	1700	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Fluorene	U	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Indeno(1,2,3-c,d)pyrene	560	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Phenanthrene	1200	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
Pyrene	1600	140		µg/Kg-dry	1	9/11/2006 9:23:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
1,3,5-Trimethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
4-Isopropyltoluene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Benzene	35	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Ethylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Isopropylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Methyl tert-butyl ether	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Naphthalene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
n-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
n-Propylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
o-Xylene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
sec-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
tert-Butylbenzene	U	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM
Toluene	11	5.9		µg/Kg-dry	1	9/12/2006 2:07:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-03 [4-8]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-03A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	35.0	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Anthracene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(a)anthracene	170	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(a)pyrene	340	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(b)fluoranthene	370	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(g,h,i)perylene	540	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Benzo(k)fluoranthene	170	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Chrysene	210	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Dibenzo(a,h)anthracene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Fluoranthene	220	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Fluorene	U	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Indeno(1,2,3-c,d)pyrene	330	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
Phenanthrene	120	180	J	µg/Kg-dry	1	9/11/2006 9:50:00 PM
Pyrene	240	180		µg/Kg-dry	1	9/11/2006 9:50:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
1,3,5-Trimethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
4-Isopropyltoluene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Benzene	30	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Ethylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Isopropylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
m,p-Xylene	U	16		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Methyl tert-butyl ether	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Naphthalene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
n-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
n-Propylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
o-Xylene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
sec-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
tert-Butylbenzene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM
Toluene	U	7.8		µg/Kg-dry	1	9/12/2006 2:46:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-04 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-04A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	20.9	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	540	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Anthracene	1300	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(a)anthracene	5400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(a)pyrene	4400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(b)fluoranthene	5500	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(g,h,i)perylene	2800	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Benzo(k)fluoranthene	2300	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Chrysene	6400	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Dibenzo(a,h)anthracene	840	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Fluoranthene	16000	1500		µg/Kg-dry	10	9/12/2006 4:14:00 PM
Fluorene	430	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Indeno(1,2,3-c,d)pyrene	2500	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Phenanthrene	5600	150		µg/Kg-dry	1	9/11/2006 10:17:00 PM
Pyrene	15000	1500		µg/Kg-dry	10	9/12/2006 4:14:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B		SW5030A		Analyst: LDS
1,2,4-Trimethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
1,3,5-Trimethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
4-Isopropyltoluene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Benzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Ethylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Isopropylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Methyl tert-butyl ether	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Naphthalene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
n-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
n-Propylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
o-Xylene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
sec-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
tert-Butylbenzene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM
Toluene	U	6.1		µg/Kg-dry	1	9/13/2006 8:15:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-05 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-05A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	40.1	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	660	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Anthracene	930	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(a)anthracene	1100	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(a)pyrene	910	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(b)fluoranthene	980	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(g,h,i)perylene	440	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Benzo(k)fluoranthene	450	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Chrysene	1100	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Dibenzo(a,h)anthracene	U	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Fluoranthene	3800	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Fluorene	460	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Indeno(1,2,3-c,d)pyrene	400	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Phenanthrene	3400	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
Pyrene	3000	200		µg/Kg-dry	1	9/13/2006 3:25:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
1,3,5-Trimethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
4-Isopropyltoluene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Benzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Ethylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Isopropylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
m,p-Xylene	U	17		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Methyl tert-butyl ether	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Naphthalene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
n-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
n-Propylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
o-Xylene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
sec-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
tert-Butylbenzene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM
Toluene	U	8.4		µg/Kg-dry	1	9/12/2006 4:37:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 15-Sep-06

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	B-06 [8-12]
Lab Order:	0609048	Tag Number:	11452
Project:	PCS 50-09 27th St. Long Island City, N.Y.	Collection Date:	9/6/2006
Lab ID:	0609048-06A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
		D2216				Analyst: PA
Percent Moisture	21.0	0		wt%	1	9/11/2006
SEMIVOLATILE SW-846 METHOD 8270 (STARS)						
		SW8270D		SW3550A		Analyst: RN
Acenaphthene	1200	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Anthracene	3600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(a)anthracene	6400	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(a)pyrene	6200	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(b)fluoranthene	6600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(g,h,i)perylene	3600	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Benzo(k)fluoranthene	2400	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Chrysene	5900	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Dibenzo(a,h)anthracene	1000	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Fluoranthene	18000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
Fluorene	1100	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Indeno(1,2,3-c,d)pyrene	3100	150		µg/Kg-dry	1	9/12/2006 11:04:00 AM
Phenanthrene	12000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
Pyrene	16000	1500		µg/Kg-dry	10	9/12/2006 4:39:00 PM
VOLATILE SW-846 8260 (STARS)						
		SW8021B				Analyst: LDS
1,2,4-Trimethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
1,3,5-Trimethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
4-Isopropyltoluene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Benzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Ethylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Isopropylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
m,p-Xylene	U	13		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Methyl tert-butyl ether	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Naphthalene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
n-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
n-Propylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
o-Xylene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
sec-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
tert-Butylbenzene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM
Toluene	U	6.3		µg/Kg-dry	1	9/12/2006 5:16:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
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Building an Enduring Enterprise

HARSCO

2008 Annual Report

FOR MORE THAN A CENTURY,
our brand has stood for industrial
services delivered with unrivaled
competence, reliability and integrity.
Now, we're taking Harsco to the next
level. As we expand our solutions
and extend our global base, we'll do
so as one company, under one name.

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Forward-Looking Statements

This document contains certain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are based on management's current expectations and are subject to changes and uncertainties that could cause future results to differ materially. Please refer to the section herein entitled "Forward-Looking Statements" for further information.

The new Harsco identity projects the scale, depth and focus of a world leader. It captures the spirit of a dynamic company on the rise—one whose vital solutions power economic growth in markets around the world. And it unifies our people, inspiring us to work together—and with our customers—to engineer greater value in everything we do.

Fellow Shareholders:

It's one thing to achieve record results when times are good. It's another to still perform well under adverse conditions. Historians will view the current financial and economic crisis as arguably the most challenging and turbulent period of our generation. During the unprecedented turmoil of 2008 we contended with declining global steel production, an extremely volatile U.S. dollar, dramatic fluctuations in fuel costs, freezing of credit markets and delayed and cancelled customer orders. By the fourth quarter, the world

deepened into a recessionary decline that continues to test the fortitude of companies and investors alike. We responded by drawing on our strengths—our diverse industrial services capabilities, our strong balance sheet, our expanding global footprint and our operating discipline. We proactively implemented countermeasures that will significantly lower our cost structure and deliver immediate benefit in 2009. I am proud to report that, excluding a relatively modest restructuring charge in the fourth quarter, we achieved another full year of record performance.

We also invested in our future by embracing Harsco's core ideology throughout the organization. I believe the best way to scale our Company's culture across the globe is to adopt a singular purpose supported by uniform values. This shared commitment will help us build an enduring enterprise that will create sustainable shareholder value for years to come.

Essential Services

Harsco is a different kind of industrial services company. We support customers that are doing the important work that underpins economic growth and development around the world. As one analyst recently remarked, Harsco's services are "critical to the global way of life." Our human capital and worldwide equipment help leading infrastructure construction companies build the new power plants, airports, highways and municipal and industrial facilities that create jobs, expand commerce and improve quality of life. We work onsite to support metals and steel producers as they forge the raw materials used in everything from skyscrapers, stadiums and bridges to

ships, cars and railways. The co-products we recover from metals production and coal combustion contribute to environmentally friendly manufacturing processes and provide building blocks for specialized industrial products. And the railway expansion and maintenance projects we support fuel economic growth by enabling the efficient movement of goods and people.

This work continues all the time, in developed and emerging global markets. And because we can deploy and scale our mobile assets wherever they're needed, we can engineer sustainable growth during most economic cycles.

Execution Focus

Our fifth consecutive year of record revenues has better positioned Harsco for even greater success when economic conditions improve.

- Revenues grew 8 percent to approximately \$4 billion.
- Income from continuing operations, before a fourth quarter restructuring charge, increased more than 5.3 percent.
- Cash flow from operations reached a record \$574 million, an increase of 22 percent.
- We invested \$248 million in growth capital and repurchased nearly 4.5 million shares of the Company's common stock.
- We retained our investment-grade A rating.

This performance confirms the value of our diverse portfolio of global businesses. We generated continued growth in our Harsco Infrastructure group by repositioning



Salvatore D. Fazzolari *Chairman and Chief Executive Officer*

our highly engineered rental assets and building a strong growth presence in the Middle East Gulf Cooperation Council (GCC) states and other key emerging markets. Revenues from Harsco Metals were essentially flat as economic factors forced customers to slow metals production and accelerate scheduled maintenance shutdowns. We held the line by renegotiating or exiting unfavorable long-term contracts. Our Harsco Minerals businesses confronted the difficult climate with refocused energy and direction for their reclamation and recycling services. Our Harsco Rail business continued to grow as we started deliveries on our record China contract and expanded our presence in Brazil. And Harsco Industrial's market-leading portfolio enabled this business to operate at high capacity.

With the proactive fourth quarter 2008 countermeasures that we implemented, coupled with our strong balance sheet, Harsco enters 2009 on a solid foundation. We are prepared to confront the deepening global economic uncertainty that we expect throughout the year. No one can predict how severe these challenges will be or when the recovery will begin. As a global business, we also expect the soaring U.S. dollar to create particularly strong adverse headwinds throughout the year—as it did in the fourth quarter of 2008. Nevertheless, we have a solid track record of managing through turbulent times. And looking forward, many Harsco businesses stand to benefit either directly or indirectly from the global economic stimulus packages that will fund new infrastructure projects. Harsco Infrastructure and Harsco Minerals & Rail should benefit directly. Harsco Metals is also likely to see increased

activity throughout its global mill services footprint, because steel and other metals are essential materials in these types of projects.

Commitment to Value

Harsco wins by understanding how customers define value and by building robust service and product portfolios that align our expertise, resources and global network to provide Insight onsite.™ We are equally committed to creating wealth and value for shareholders, and one way we do so is through our unwavering commitment to Economic Value Added (EVA®). This enterprise-wide metric provides a consistent and transparent way to translate strategy into investment decisions and compensate all key managers in the Company based on performance. We have also sharpened our focus by welcoming three new directors to our Board who bring tremendous global business experience as well as strong perspectives on EVA and continuous improvement. EVA discipline also drove our restructuring initiatives in the fourth quarter of 2008. As the economic climate deteriorated, we took necessary countermeasures that included rationalizing facilities, renegotiating contracts, amending benefit plans and trimming our global workforce. These initiatives should save more than \$50 million per year, with a majority of these cost savings being realized beginning in 2009.

Going forward, EVA will reflect the results from the LeanSigma® continuous improvement projects that are now beginning to flourish across the Company. We completed 40 Kaizen events in 2008 that span

Financial Highlights

Dollars in thousands, except per share amounts

2008

2007

2006

2005

2004

Operating Information

Total revenues from continuing operations	\$3,967,822	\$3,688,160	\$3,025,613	\$2,396,009	\$2,162,973
Operating income from continuing operations	411,988	457,805	344,309	251,036	195,456
Income from continuing operations	245,623	255,115	186,402	144,488	104,040

Ratios

Current ratio	1.4:1	1.5:1	1.4:1	1.5:1	1.6:1
Return on average capital	10.9 %	12.2 %	10.8 %	10.7 %	9.2 %
Return on average equity	15.2 %	19.2 %	17.2 %	15.3 %	12.7 %
Return on average assets	10.4 %	13.0 %	12.1 %	11.2 %	9.9 %
Debt to total capitalization	41.7 %	40.8 %	48.1 %	50.4 %	40.6 %

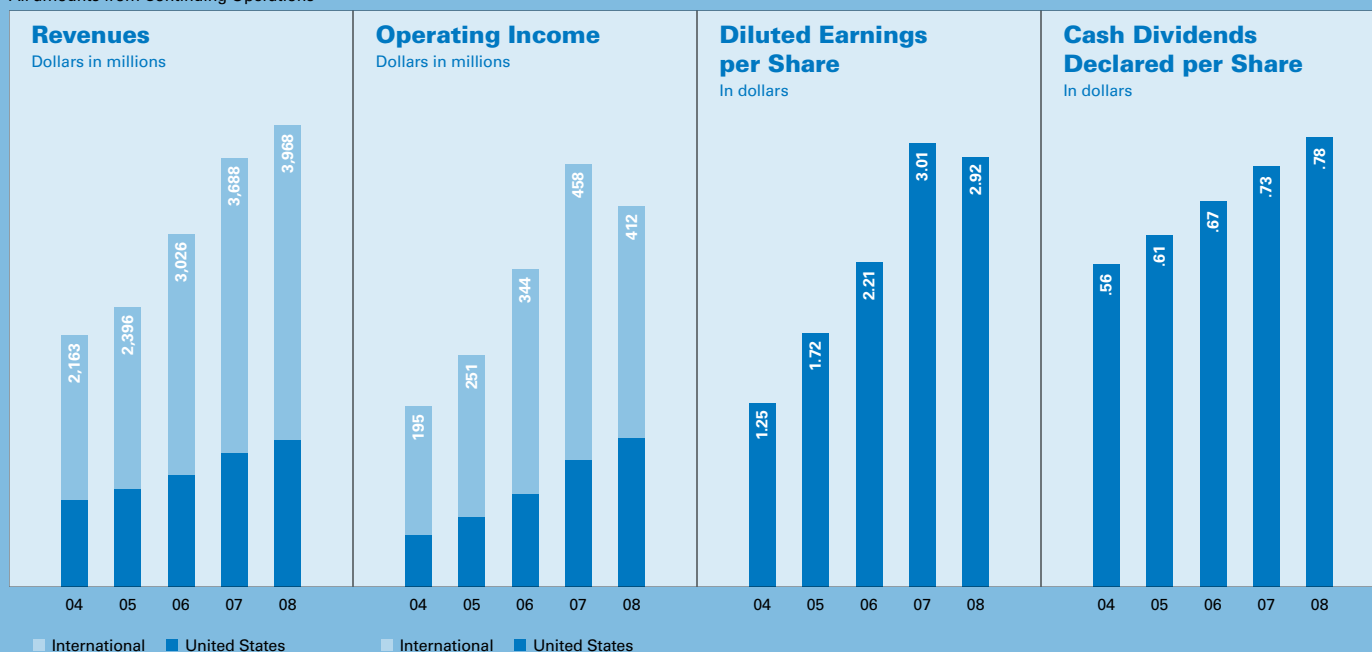
Per Share

Diluted earnings from continuing operations	\$ 2.92	\$ 3.01	\$ 2.21	\$ 1.72	\$ 1.25
Book value	17.63	18.54	13.64	11.89	11.03
Cash dividends declared	0.78	0.7275	0.665	0.6125	0.5625

Other Information

Diluted average shares outstanding (in thousands)	84,029	84,724	84,430	84,161	83,196
Number of employees	21,500	21,500	21,500	21,000	18,500

All amounts from Continuing Operations



Harsco's Core Values

Uncompromising Integrity and Ethical Business Practices



Code of Conduct, Safety Policies and Practices, Internal Control and Management Framework, and General Policies and Procedures

People – The “A Team”



Human Capital Framework: Global Talent Management System for Recruiting, Developing, Retaining and Assessing Human Capital

Continuous Improvement



LeanSigma® Business Transformation Discipline

Value Creation Discipline



Economic Value Added (EVA®)

manufacturing, service and office operations, and we expect this number to increase to over 200 in 2009 and reach approximately 400 by 2010. I am convinced that LeanSigma, coupled with our rigorous and disciplined implementation, will be transformational for Harsco.

A Strong and Flexible Balance Sheet

Backed by the discipline of EVA, our well-balanced, diversified portfolio once again generated the strong cash flows we use to finance our business and expand our geographic footprint. In 2008 our discretionary cash flow—that is, cash from operations less maintenance capital expenditures—increased to a record \$365 million. That gave us the resources to invest 54 percent of this year's record capital expenditures, or approximately \$248 million, in critical growth initiatives such as our robust emerging markets strategy. Investments in 2008 should help us reach our goal of generating 30 percent of our revenues from these fast-growing markets by 2010–2011. Our target is 40 percent by 2018. Our Infrastructure footprint includes such strategically important emerging markets as the GCC states and the Asia/Pacific region. Our Metals business is also pursuing market expansion with new opportunities there as well. And we are responding to inquiries from around the world about our innovative railway track maintenance and co-product recycling technologies. Abundant cash flows also provide a critical advantage during turbulent times. With three years of significant growth investment behind us, we can scale back additional growth investments in 2009 until conditions

improve, and instead redeploy the cash to reduce debt, pursue selective acquisitions and repurchase our stock.

Harsco enters 2009 with the capital structure and financial strength that many companies would envy, especially in today's environment. We executed a 10-year bond issue of \$450 million in May 2008 at a very favorable interest rate, leaving us with much less exposure to floating debt while extending our average debt maturities. We also renewed \$220 million and \$30 million credit facilities that bring our total short-term borrowing capacity to \$700 million. At December 31, 2008 we have a strong liquidity position and a very manageable debt-to-capital ratio of 41.7 percent.

Building an Enduring Enterprise

Beginning in 2009, Harsco moves forward as one company, with a single unified Harsco brand identity. That means every Harsco business will benefit from the integrated financial resources, best practices and market position of a strong global organization. Our focus on our core ideology will create meaningful opportunities for our employees as we continue to assess our global talent base and support the professional growth and development of our human capital. I appreciate and respect the hard work of our people as we continue to build our global leadership team and strengthen our intellectual infrastructure. I am also grateful for the genuine commitment that our team has demonstrated by embracing and embedding the LeanSigma core value in our culture. LeanSigma will transform our business and make us a smarter and more productive organization. Harsco's core purpose is to build



Left to right:

Mark E. Kimmel
*Senior Vice President,
 Chief Administrative Officer,
 General Counsel and Corporate Secretary*

Geoffrey D. H. Butler
*Harsco President and Group CEO,
 Harsco Infrastructure and Harsco Metals*

Stephen J. Schnoor
*Senior Vice President and
 Chief Financial Officer*

Richard C. Neuffer
*Harsco Senior Vice President and Group CEO,
 Harsco Minerals & Rail*

Scott H. Gerson
*Vice President and
 Chief Information Officer*

teams that win with integrity anywhere in the world. We will continue to embrace the values and ethical business practices that earn the trust and respect of customers—and of one another.

Misperceptions often take root during troubled times, even for globally balanced and diversified companies. Winston Churchill once said that “Facts are better than dreams.” I am proud to remind our shareholders of our unique business profile and the powerful attributes we possess. Harsco is:

- A global leader of industrial services and products, with a balanced and globally scalable portfolio of business platforms;
- A company with a clear path to growth through targeted organic growth opportunities, joint ventures and prudent acquisitions;
- A culture of professionals who share a strong core purpose and core values that empower us to win through integrity, teamwork and discipline;
- A strong and financially sound company.

These qualities give us the strength, resolve and character to face the continued financial and economic turmoil we expect in 2009. I am confident that Harsco has the people, the strategy, the fortitude, the discipline and the market opportunities to weather the storm. We have the unwavering faith that we will emerge from this financial and economic crisis an even stronger company. We appreciate your support as we build an enduring enterprise.

Salvatore D. Fazzolari
 Chairman and Chief Executive Officer

March 10, 2009

- 1 Build and operate scalable platforms that give customers the vital support they need—everywhere they do business.
- 2 Make the most of our global assets by managing them with agility and by making efficiency and continuous improvement a way of life.
- 3 Use disciplined financial metrics to ensure that every operational and investment decision we make strengthens our competitive position.
- 4 Unleash the passion, creativity and integrity of our people to expand our opportunities.



INFRASTRUCTURE

Harsco Infrastructure grows with its global customers by turning broad market insight into focused solutions. Customers value our dependable, consistent quality and award-winning safety performance. They look to us for expert engineering support; fast, flexible delivery of equipment and highly skilled installation; and in-depth understanding of local requirements. Together, these strengths give large construction contractors and industrial plant operators the onsite expertise and local equipment resources they need to operate more efficiently and safely, and with optimal cost of ownership.

Our global market presence served us well during a year when tightening economic and credit conditions forced some customers to temporarily delay or scale back new projects. Despite the economic downturn, revenues from Europe, North America and the Middle East remained solid for most of the year. We supported a large number of energy, transportation, commercial and public sector projects in such areas as bridges, hospitals and high-rise office construction. We also began the expansion of our highly portable rental equipment assets into new markets such as Panama, Romania and India.

Going forward, we expect new government stimulus programs to begin funding a variety of infrastructure projects to revitalize global economic growth. We are well-positioned in our markets to support these initiatives. We see good opportunities for continued growth later in 2009 as economic stability returns. We are also expanding our infrastructure services business to create more value as an onsite partner to major industrial plants for their recurring routine maintenance and plant upgrade programs.

Across Harsco, our investment in LeanSigma continuous improvement is poised to begin delivering sustainable improvements in operating performance. During 2008, our first year of pilot project implementation, our Harsco Infrastructure group helped confirm our optimism by identifying new process improvements that will streamline local branch logistics. We will drive improvements like these to other branches throughout our global network and anticipate similar successes across the organization as we ramp up to full Company-wide implementation.



● Denotes a location where Harsco Infrastructure has equipment and service operations

Pernis, The Netherlands

Harsco Infrastructure is responding to the growing market demand for onsite support of industrial plant maintenance, a traditionally noncyclical sector where we can combine scaffolding with additional onsite services. At the giant Shell Netherlands petrochemical plant, our 24/7 team is serving one of Europe's largest industrial facilities as a full-time, onsite partner to their facility-wide maintenance requirements. With our Cleton acquisition in 2006, we expanded our support to include the installation of thermal insulation and other maintenance services. We see great potential to grow our plant maintenance support services as a complementary market extension of our core expertise and global branch network.



METALS

Harsco Metals creates value for the world's leading metals producers by helping optimize their total cost of operation. Working onsite and under long-term recurring contracts, we bring industry-leading technology and global experience to every stage of mill operations—from handling incoming raw materials to packaging outgoing products. Our custom-engineered service solutions deliver cost and productivity advantages, enhance safety and quality, and respond to the growing environmental demands being placed on modern metal-making operations. Customers also value our worldwide engineering and process expertise; our careful approach to managing our cost base; and the integrity that underlies our culture. Moreover, our strong balance sheet and access to public debt markets allow us to grow with our customers.

We drew on these competitive strengths to see our way through a difficult year, as worldwide demand for steel declined dramatically in the final quarter of 2008. Our broad global footprint enables us to generate recurring revenues in virtually all major market regions where steel and other metals are produced. As global stimulus programs are implemented, we look for a gradual return to more traditional levels of activity, recognizing that

some 50 percent of the world's steel production is used for construction. To pave the way for future growth, we're opening more channels for our environmental solutions while placing more of our higher technology service offerings into more locations. We are also looking to increase our service presence in other metal sectors and related cross-over markets like mining and quarrying. At the same time, however, we are resolved to sharpen the performance of our day-to-day operations with tighter controls on costs and new LeanSigma efficiencies. We expect these initiatives and others to help us deliver more traditional levels of earnings contribution. In the coming periods, we also expect our worldwide customers will return to upgrading facilities and increasing production capacity—two good barometers of a healthier market outlook.

We will continue to diversify our customer base and broaden our geographic balance by expanding our presence in the world's developing economies. China, India and the Gulf Cooperation Council states are all substantial metal-producing regions where we have been largely underrepresented. We look to align ourselves with each region's strongest and most secure industry partners to create a durable foundation for growth.



● Denotes a location where Harsco Metals services are being used

Rotherham, United Kingdom

Harsco Metals is strategically focused on increasing the value of by-products recovered on customer sites. As one example, we take residual slag from steel production, process it and use it as a base material to manufacture "Steelphalt," an asphalt-line product used by the road construction industry. Harsco has made a \$10 million capital investment to expand and update the plant that produces this product. This energy-efficient facility uses up-to-date "clean plant" technology to produce 300,000 tons of road material per year. It also operates as a global center of excellence where we explore new products and applications produced from processed slag.



MINERALS & RAIL

Harsco Minerals & Rail continues to perform as our highest EVA growth platform. In each division, our outsourced services and engineered products create value by helping customers grow and improve their businesses.

Global railway systems rely on Harsco's highly engineered rail grinders, track renewal and new track construction trains, and ballast machines to increase train speed and tonnage, boost revenues and improve total cost of ownership. As we begin deliveries into China of our largest-ever railway equipment order, we're encouraged by the heightened public and private investment plans around the world to expand and modernize railway infrastructures. We believe the best way to work with our customers in an adverse economic climate is to focus on value. As we save our customers money and create real economic value for them, they will continue to rely on us when conditions improve.

Our Harsco Minerals businesses generate value through their specialty expertise for capturing and processing industrial co-products to serve specific commercial applications, including low-silica abrasives and fertilizers. We see our pioneering co-product recovery services as a globally scalable growth op-

portunity. Our goal is to continue developing our Harsco Minerals businesses as a provider of total environmental processing solutions for customers worldwide.

In our Industrial group, Harsco manufactures specialized, high-performance products known for quality, durability and value. In 2008 we worked with our distribution partners and major gas platform and other customers in the Gulf of Mexico to make our metal grating immediately available to support reconstruction in the wake of Hurricanes Gustav and Ike. We are also achieving greater sales penetration with key customers for our air-cooled heat exchangers, where our production levels set new records in 2008. As these customers continue to expand internationally, we intend to grow with them. Harsco's heat exchangers help natural gas producers extend their equipment life for gas compression and pipeline distribution. And our new boiler lines continue to build sales momentum as their outstanding energy efficiency underpins growing market demand.



Carajás, Brazil

Companhia Vale do Rio Doce (Vale) relies on a 550-mile single-track railroad to transport iron ore from its Carajás mines in northern Brazil to the port city of São Luis. Vale purchased a new 96-stone production rail grinder from Harsco to make this high-volume, heavy-tonnage system more dependable and productive. The grinder, which can recontour up to 50 kilometers of track per day, features Harsco's patented Jupiter computer system for precise operating control and onboard diagnostics. We expect important equipment and service relationships like this to open additional opportunities, as Brazil and other emerging market countries invest in much-needed railway infrastructure to support economic growth.

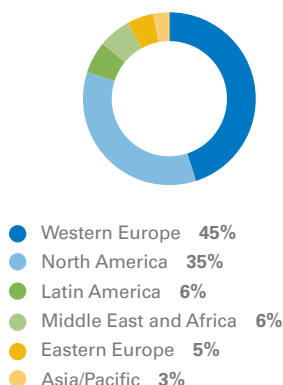


● Denotes a location where Harsco Minerals & Rail has equipment and service operations

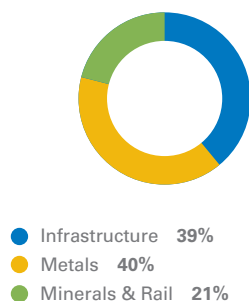


Harsco At a Glance

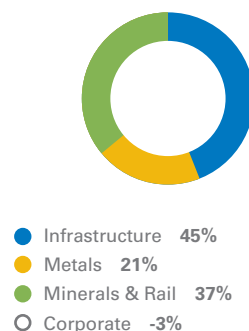
Global Revenue Sources



2008 Revenues



2008 Operating Income



We operate at more than **400 locations** in **50 countries** and employ approximately **21,500 people**.

OPERATING COMPANIES

HARSCO INFRASTRUCTURE

– SGB Group
– Patent Construction Systems
– Hünnebeck Group

DESCRIPTION

- Full-service leader for total scaffolding, access and formwork solutions that help developed and emerging economies engineer growth
- Strong presence in virtually every major market, operating from more than 200 locations in 36 countries
- 100% service-based business, offering either rental or sale of Company-designed and purchased equipment

MAJOR SERVICES & PRODUCTS

- World's leading provider of scaffolding and cast-in-place concrete formwork for nonresidential construction
- Broadest portfolio of equipment solutions and expert engineering support
- Increasing role serving recurring plant maintenance programs of major industrial facilities
- Portable, go-anywhere rental equipment resources – enables rapid response to growth opportunities and changing market conditions

HARSCO METALS

– MultiServ

- Professional outsourced service partner to the global metals industry
- World's largest and most experienced onsite services company
- Comprehensive support to each stage of the metal-making process
- Operates globally with a full range of Company-purchased, owned, operated and maintained equipment

- Onsite logistics for raw materials, semifinished and finished products
- Proprietary technologies for minimizing the environmental impacts of metals production
- Specialists in commercial applications of residual slag by-products

HARSCO MINERALS & RAIL

– Harsco Rail
– Excell Minerals
– Reed Minerals
– IKG Industries
– Air-X-Changers
– Patterson-Kelley

- Diversified portfolio of market-leading niche businesses that provide vital services and products to customers in a broad range of industries
- Pioneering product development and industry innovation
- Strong cash and EVA[®] generator to Harsco's growth

- Global railway track maintenance services and equipment
- Environmentally beneficial metal recovery processes and mineral-based products for commercial and industrial markets
- Air-cooled heat exchangers, industrial grating and energy-efficient boilers

Total Revenues

\$4.0 billion ▲ 8%

Operating Income

\$412 million ▼ 10%

Operating Margin

10.4 % ▼ 200bps

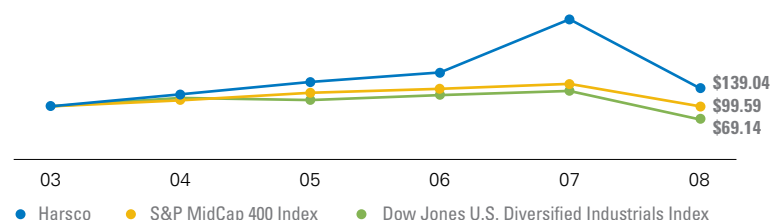
Diluted Earnings per Share

\$2.92 ▼ 3%

Declared Dividends per Share

\$0.78 ▲ 7%

Comparison of Five-Year Cumulative Total Returns



	12/03	12/04	12/05	12/06	12/07	12/08
Harsco Corporation	\$100.00	\$130.31	\$161.26	\$184.88	\$315.88	\$139.04
S&P MidCap 400	100.00	116.48	131.11	144.64	156.18	99.59
Dow Jones U.S. Diversified Industrials	100.00	119.18	116.07	127.13	135.70	69.14

This graph compares the yearly percentage change in the cumulative total stockholder return on Harsco common stock against the cumulative total return of the Standard & Poor's MidCap 400 index and the Dow Jones U.S. Diversified Industrials index. The graph assumes an initial investment of \$100 on December 31, 2003 and the reinvestment of dividends.

MARKETS

- New construction, expansion and maintenance of public works, infrastructure and commercial properties, and other major facilities
- Clients range from large, global contractors to regional and local players
- #1, 2 or 3 market presence
- Future growth focused on additional geographic expansion into emerging markets

2008 HIGHLIGHTS

- Strong contract activity in Europe and North America throughout most of 2008
- Strengthened market position in Middle East infrastructure construction sector
- Entered India market with new scaffolding services for major steelworks customer



- Serves the complete range of metals producers, from multinational giants to regional and specialty producers, including both integrated mills and mini-mills
- Worldwide presence at approximately 170 locations in 35 countries
- Continuing global growth opportunities for expanding services with existing customers, adding new locations and end-market crossover into complementary fields

- Growing role in developing and executing environmental solutions for waste minimization
- New service contracts, particularly in emerging markets, will benefit 2009 and beyond
- Executing countermeasures and global best practices for improved operating performance
- Estimated value of contracts totals approximately \$4.1 billion in future revenues



- Major domestic and international railways, short lines and rapid transit systems
- Global metals producers and other commercial and industrial customers for mineral-based products
- Natural gas processors, industrial plant fabricators, and boiler installations for schools, hospitals, offices and other facilities

- Began production deliveries on record \$350 million rail grinding equipment order from China's Ministry of Railways
- Supported strong natural gas market with record deliveries and backlog
- Mobilized grating production to support reconstruction of industrial infrastructure damaged by Hurricanes Gustav and Ike



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Five-Year Statistical Summary

<i>(In thousands, except per share, employee information and percentages)</i>	2008	2007 (a)	2006	2005 (b)	2004
Income Statement Information (c)					
Revenues from continuing operations	\$3,967,822	\$3,688,160	\$3,025,613	\$2,396,009	\$2,162,973
Income from continuing operations	245,623	255,115	186,402	144,488	104,040
Income (loss) from discontinued operations	(4,678)	44,377	9,996	12,169	17,171
Net income	240,945	299,492	196,398	156,657	121,211
Financial Position and Cash Flow Information					
Working capital	\$ 317,062	\$ 471,367	\$ 320,847	\$ 352,620	\$ 346,768
Total assets	3,562,970	3,905,430	3,326,423	2,975,804	2,389,756
Long-term debt	891,817	1,012,087	864,817	905,859	594,747
Total debt	1,012,883	1,080,794	1,063,021	1,009,888	625,809
Depreciation and amortization (including discontinued operations)	337,949	306,413	252,982	198,065	184,371
Capital expenditures	457,617	443,583	340,173	290,239	204,235
Cash provided by operating activities	574,276	471,740	409,239	315,279	270,465
Cash used by investing activities	(443,418)	(386,125)	(359,455)	(645,185)	(209,602)
Cash provided (used) by financing activities	(155,539)	(77,687)	(84,196)	369,325	(56,512)
Ratios					
Return on sales (d)	6.2%	6.9%	6.2%	6.0%	4.8%
Return on average equity (e)	15.2%	19.2%	17.2%	15.3%	12.7%
Current ratio	1.4:1	1.5:1	1.4:1	1.5:1	1.6:1
Total debt to total capital (f)	41.7%	40.8%	48.1%	50.4%	40.6%
Per Share Information (g)					
Basic – Income from continuing operations	\$ 2.94	\$ 3.03	\$ 2.22	\$ 1.73	\$ 1.26
– Income from discontinued operations	(0.06)	0.53	0.12	0.15	0.21
– Net income	\$ 2.88	\$ 3.56	\$ 2.34	\$ 1.88	\$ 1.47
Diluted – Income from continuing operations	\$ 2.92	\$ 3.01	\$ 2.21	\$ 1.72	\$ 1.25
– Income from discontinued operations	(0.06)	0.52	0.12	0.14	0.21
– Net income	\$ 2.87 (h)	\$ 3.53	\$ 2.33	\$ 1.86	\$ 1.46
Book value	\$ 17.63	\$ 18.54	\$ 13.64	\$ 11.89	\$ 11.03
Cash dividends declared	0.78	0.7275	0.665	0.6125	0.5625
Other Information					
Diluted average number of shares outstanding (g)	84,029	84,724	84,430	84,161	83,196
Number of employees	21,500	21,500	21,500	21,000	18,500
Backlog from continuing operations (i)	\$ 639,693	\$ 448,054	\$ 236,460	\$ 230,584	\$ 194,336

(a) Includes Excell Minerals acquired February 1, 2007 (All Other Category – Harsco Minerals & Rail).

(b) Includes the Northern Hemisphere mill services operations of Brambles Industrial Services (BISNH) acquired December 29, 2005 (Harsco Metals) and Hünnebeck Group GmbH acquired November 21, 2005 (Harsco Infrastructure).

(c) 2006, 2005 and 2004 income statement information reclassified to reflect the Gas Technologies Segment as Discontinued Operations.

(d) "Return on sales" is calculated by dividing income from continuing operations by revenues from continuing operations.

(e) "Return on average equity" is calculated by dividing income from continuing operations by quarterly weighted-average equity.

(f) "Total debt to total capital" is calculated by dividing the sum of debt (short-term borrowings and long-term debt including current maturities) by the sum of equity and debt.

(g) 2006, 2005 and 2004 per share information restated to reflect the 2-for-1 stock split effective in the first quarter of 2007.

(h) Does not total due to rounding.

(i) Excludes the estimated amount of long-term mill service contracts, which had estimated future revenues of \$4.1 billion at December 31, 2008 and \$5.0 billion at December 31, 2007. Also excludes backlog of the Harsco Infrastructure Segment and the roofing granules and industrial abrasives business. These amounts are generally not quantifiable due to the nature and timing of the products and services provided.

Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with the consolidated financial statements provided in this Annual Report. Certain statements contained herein may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially, as discussed more fully herein.

Forward-Looking Statements

The nature of the Company's business and the many countries in which it operates subject it to changing economic, competitive, regulatory and technological conditions, risks and uncertainties. In accordance with the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, the Company provides the following cautionary remarks regarding important factors which, among others, could cause future results to differ materially from the forward-looking statements, expectations and assumptions expressed or implied herein. Forward-looking statements contained herein could include among other things, statements about our management confidence and strategies for performance; expectations for new and existing products, technologies, and opportunities; and expectations regarding growth, sales, cash flows, earnings and Economic Value Added (EVA®). These statements can be identified by the use of such terms as "may," "could," "expect," "anticipate," "intend," "believe," or other comparable terms.

Factors which could cause results to differ include, but are not limited to: (1) changes in the worldwide business environment in which the Company operates, including general economic conditions; (2) changes in currency exchange rates, interest rates and capital costs; (3) changes in the performance of stock and bond markets that could affect, among other things, the valuation of the assets in the Company's pension plans and the accounting for pension assets, liabilities and expenses; (4) changes in governmental laws and regulations, including environmental, tax and import tariff standards; (5) market and competitive changes, including pricing pressures, market demand and acceptance for new products, services and technologies; (6) unforeseen business disruptions in one or more of the many countries in which the Company operates due to political instability, civil disobedience, armed hostilities or other calamities; (7) the seasonal nature of the business; (8) the integration of the Company's strategic acquisitions; (9) the amount and timing of repurchases of the Company's common stock, if any; (10) the current global financial and credit crisis, which could result in our customers curtailing development projects, construction, production and capital expenditures, which, in turn, could reduce the demand for our products and services and, accordingly, our sales, margins and profitability; (11) the financial condition of our customers, including the ability of customers (especially those that may be highly

leveraged and those with inadequate liquidity) to maintain their credit availability; and (12) other risk factors listed from time to time in the Company's SEC reports. A further discussion of these, along with other potential factors, can be found in the Company's 2008 Form 10-K as filed with the Securities and Exchange Commission. The Company cautions that these factors may not be exhaustive and that many of these factors are beyond the Company's ability to control or predict. Accordingly, forward-looking statements should not be relied upon as a prediction of actual results. The Company undertakes no duty to update forward-looking statements except as may be required by law.

Executive Overview

Despite the challenging macroeconomic operating environment encountered in the fourth quarter of 2008, the Company's 2008 revenues were a record \$4.0 billion. This is an increase of \$280 million or 8% over 2007. Organic growth contributed 5% to the growth in sales, while acquisitions contributed 2% and favorable foreign currency translation effects contributed 1%. This resulted from the Company's continued strategy of constructing a well-balanced industrial services-based portfolio of businesses based on scalable operating platforms; focused organic growth; growth through prudent acquisitions; and increased geographical diversity. Income from continuing operations was \$245.6 million for 2008 (which included \$36.1 million of restructuring charges in the fourth quarter) compared with \$255.1 million in 2007, a decrease of 4%. The Harsco Infrastructure Segment and All Other Category (Harsco Minerals & Rail) led the Company's performance. Diluted earnings per share from continuing operations were \$2.92 for 2008 (which included \$0.28 of restructuring charges in the fourth quarter), which was a 3% decrease from 2007 diluted earnings per share from continuing operations of \$3.01.

During 2008, all major business platforms of the Company achieved increased sales over 2007, highlighting the diversity and balance of the Company. The Company continued to make progress on its geographic expansion strategy as sales in 2008 reflect an increasing geographic balance, especially in emerging markets. Revenues outside Western Europe and North America were approximately 21% of total revenues in 2008 compared with 18% in 2007. The Company's continued geographic expansion strategy is expected to result in a significant increase to the Company's presence in emerging markets to approximately 30% of total Company revenues over the next three years, and closer to 40% in the longer term.

Overall, the global markets in which the Company participates deteriorated in the fourth quarter of 2008 due to the financial and economic crisis. To counteract this, the Company initiated restructuring actions designed to improve organizational efficiency and enhance profitability and stockholder value by generating sustainable operating expense

savings. Under this program, the Company principally exited certain underperforming contracts with customers, closed certain facilities and reduced global workforce during the fourth quarter of 2008. The Company anticipates that these actions will generate annualized savings of \$50 million in 2009 and beyond. The cost associated with these actions in the fourth quarter of 2008 was \$36.1 million.

Furthermore, the Company continues to minimize its cost structure, with such actions as the redeployment of its mobile asset base in the Harsco Infrastructure and Harsco Metals Segments to focus on market segments that remain strong and provide growth opportunities, the LeanSigma® continuous improvement initiative and prudent reductions in capital spending.

The Company believes its strong balance sheet and liquidity position as well as a lower cost structure put the Company in a strong position to execute its long-term strategic initiatives and take advantage of near-term growth opportunities. The Company continues to have available liquidity and remains well-positioned from a financial flexibility perspective. The Company successfully executed a \$450 million, 10-year notes issue in the second quarter of 2008, providing more financial flexibility and less exposure to variable interest rates. The debt-to-capital ratio at December 31, 2008 was 41.7%.

During 2008, the Company had record cash provided by operating activities of \$574.3 million, a 22% increase over the \$471.7 million achieved in 2007. The Company expects continued strong cash flows from operating activities in 2009; however, 2009 is not expected to be as strong as 2008. Additionally, in 2008, the Company invested a record \$457.6 million in capital expenditures (over 54% of which was for revenue-growth projects). More importantly, 43% of the revenue-growth capital expenditures were invested in emerging economies. The Company also repurchased approximately 4.5 million shares during 2008 at a total cost of \$129 million. The Company's cash flows are further discussed in the Liquidity and Capital Resources section.

Segment Overview

The Harsco Infrastructure Segment's revenues in 2008 were \$1.5 billion compared with \$1.4 billion in 2007, a 9% increase. Operating income increased by 1% to \$185.4 million, from \$183.8 million in 2007. Operating margins for the Segment declined by 100 basis points to 12.0% from 13.0% in 2007. Operating margins declined partially due to 2008 pre-tax restructuring costs of \$5.0 million related to severance, contract exit costs and asset disposals. Organic growth of 6% was generated primarily in the Middle East and Asia/Pacific as these emerging economies continued to make significant investment in infrastructure modernization and expansion. Infrastructure maintenance activities,

such as petrochemical and power plants, remained strong particularly in North America and Northern Europe. Harsco Infrastructure accounted for 39% of the Company's revenues and 45% of the operating income for 2008.

The Harsco Metals Segment's revenues in 2008 were \$1.6 billion compared with \$1.5 billion in 2007, a 4% increase. Operating income decreased by 37% to \$85.3 million, from \$134.5 million in 2007. Operating margins for this Segment decreased by 340 basis points to 5.4% from 8.8% in 2007. The decrease in operating income and margins was due to pre-tax restructuring costs of \$27.7 million, higher fuel costs and unprecedented production cuts by steel mills across the globe, particularly in the fourth quarter 2008. Restructuring charges primarily related to severance, contract exit costs, assets disposals and charges related to defined benefit pension plan changes. This Segment accounted for 40% of the Company's revenues and 21% of the operating income for 2008.

The All Other Category's revenues in 2008 were \$849.6 million compared with \$750.0 million in 2007, a 13% increase. Operating income increased by 6% to \$150.9 million, from \$142.2 million in 2007. Operating margins decreased by 120 basis points to 17.8% in 2008 from 19.0% in 2007 primarily due to higher steel costs and lower volume and pricing in the minerals and recycling technologies business. All six businesses contributed higher revenues due to strong demand. Four of the six businesses contributed higher operating income compared to 2007. This Category accounted for 21% of the Company's revenue and 37% of the operating income for 2008.

Despite the significant strengthening of the U.S. dollar during the fourth quarter of 2008, the effect of foreign currency translation increased full year 2008 consolidated revenues by \$30.8 million and pre-tax income by \$3.8 million when compared with 2007. If the U.S. dollar remains at current strong levels or strengthens further, 2009 results will be significantly negatively impacted.

Outlook Overview

The Company's operations span several industries, products and end markets. On a macro basis, the Company is affected by non-residential and infrastructure construction and infrastructure maintenance and capital improvement activities; worldwide steel mill production and capacity utilization; industrial production volume and maintenance activity; and the general business trend towards the outsourcing of services. The overall outlook for 2009 is guarded as a result of the deepening global financial and economic crisis that has created tremendous uncertainty and volatility throughout the world.

Management's Discussion and Analysis of Financial Condition and Results of Operations

Additionally, the Company's pension plans' assets declined in value consistent with the weakening economy and will result in significant increased pension expense during 2009. The significant strengthening of the U.S. dollar in the fourth quarter of 2008, and its continued appreciation in the first quarter of 2009, is expected to have a significant adverse impact on the 2009 Company's performance.

In response to these events, the Company undertook a restructuring action during the fourth quarter of 2008 that is expected to generate annual savings of approximately \$50 million in 2009 and beyond. The costs associated with these actions were \$36.1 million. The Company does not currently expect to incur any significant restructuring charges during 2009, although the Company continues to proactively and aggressively implement a number of additional countermeasures designed to improve future financial performance. These additional actions include: targeted reductions in capital spending; executing LeanSigma continuous improvement initiatives; and redeploying equipment from slowing markets into strategically important, growing markets. Additionally, the All Other Category (Harsco Minerals & Rail) is expected to benefit from declining steel prices in 2009. The current economic conditions provide the Company with expansion opportunities to pursue its prudent acquisition strategy of seeking further accretive bolt-on acquisitions.

The long-term outlook across the global footprint of the Harsco Infrastructure business remains positive. The near-term outlook, however, is challenging due to the current economic and financial crisis. This Segment will leverage its global breadth and mobile asset base to relocate equipment to focus on emerging markets as well as market segments that remain stable such as infrastructure maintenance services, and institutional services such as hospitals and education, and global infrastructure work. Operating performance for this Segment in the long term is expected to continue to benefit from the execution of numerous global government stimulus packages which are expected to fund much needed infrastructure projects throughout the world; selective strategic investments and acquisitions in existing and new markets; and enterprise business optimization opportunities including

new technology applications, consolidated procurement and logistics; and LeanSigma continuous improvement initiatives.

The long-term outlook for the Harsco Metals Segment remains stable as the global steel market is expected to grow at reasonable rates over the next several years. The key factor behind this anticipated growth is the demand from emerging economies for significant infrastructure development needs. The near-term outlook, however, is challenging due to the deepening global economic and financial crisis which has caused reductions in demand for steel and associated steel production. Steel mill production declines reached unprecedented levels at the end of 2008. Reduced production volumes are expected to continue into the first half of 2009. It is expected that some of this impact will be mitigated by substantially lower fuel costs, improved contract performance, new contract signings, and other cost optimization initiatives the Company is currently implementing. Additionally, to ensure the segment will operate at optimal efficiency in 2009 and beyond, significant restructuring actions were executed during the fourth quarter of 2008. The recent decline in oil prices, if sustained, should have a measurable effect on operating results in the Segment in 2009. The Company continues to engage in enterprise business optimization initiatives including introducing the LeanSigma continuous improvement program, which over time is expected to result in broad-scale improvement in business practices and consequently operating margin. In addition, new contract signings and start-ups, as well as the Company's geographic expansion strategy, particularly in emerging markets, are expected to gradually have a positive effect on results in the longer term.

For the All Other Category (Harsco Minerals & Rail), the long-term outlook remains positive. Most end-market demand remains strong and backlogs continue near record levels for the Category. The near-term outlook, however, for the Minerals business, which recovers and recycles high value metals, has been negatively affected by the recent steep decline in metal prices. The Company continues to experience strong bidding activity in its railway track maintenance services and equipment business, new contract opportunities for its minerals and recycling technologies business, and potential geographic expansion opportunities within its industrial products businesses.

Revenues by Region

(Dollars in millions)	Total Revenues Twelve Months Ended December 31				Percentage Growth From 2007 to 2008		
	2008	Percent	2007	Percent	Volume	Currency	Total
Western Europe	\$1,770.8	45%	\$1,758.5	48%	0.0%	0.7%	0.7%
North America	1,370.0	35	1,244.9	34	10.0	0.0	10.0
Middle East and Africa	257.5	6	196.4	5	35.0	(3.9)	31.1
Latin America ^(a)	253.7	6	213.5	6	15.5	3.3	18.8
Eastern Europe	189.0	5	139.6	4	22.9	12.5	35.4
Asia/Pacific	126.8	3	135.3	3	(7.3)	1.0	(6.3)
Total	\$3,967.8	100%	\$3,688.2	100%	6.8%	0.8%	7.6%

(a) Includes Mexico.

2008 Highlights

The following significant items affected the Company overall during 2008 in comparison with 2007:

Company Wide

- Overall stronger demand benefited the Company in the first three quarters of 2008, in particular, increased infrastructure maintenance services and highly engineered equipment rentals, especially in the Middle East and Eastern Europe; as well as railway track equipment sales and increased demand for air-cooled heat exchangers.
- Operating income and margins for the Harsco Metals Segment were negatively impacted by unprecedented declines in global steel production during the fourth quarter of 2008; costs of restructuring actions implemented in the fourth quarter of 2008; increased operating expenses, mainly higher fuel costs; as well as certain contracts with lower-than-acceptable margins.

Harsco Infrastructure Segment

<i>(Dollars in millions)</i>	2008	2007
Revenues	\$1,540.3	\$1,415.9
Operating income	185.4	183.8
Operating margin percent	12.0%	13.0%

Harsco Infrastructure Segment – Significant Impacts on Revenues

<i>(In millions)</i>	
Revenues – 2007	\$1,415.9
Net increased volume and new business	80.3
Impact of foreign currency translation	28.5
Acquisitions	15.6
Revenues – 2008	\$1,540.3

Harsco Infrastructure Segment – Significant Impacts on Operating Income:

- In 2008, the Segment's operating results continued to improve due to increased non-residential, and infrastructure construction throughout the world, and in particular the Middle East, Asia/Pacific and certain parts of Europe. The Company continues to benefit from its highly engineered rental equipment capital investments made in both developed and emerging markets. Additionally, infrastructure maintenance activity remained strong in both North America and certain parts of Western Europe.
- This Segment benefited from \$8.3 million of increased pre-tax net gain on the sale of properties during 2008 compared with 2007.
- The impact of foreign currency translation in 2008 increased operating income for this Segment by \$5.1 million, compared with 2007.
- In 2008, the segment's operating results included \$5.0 million of costs related to the fourth quarter 2008 restructuring actions and increased costs associated with new business optimization initiatives and further process and technology standardization.

Harsco Metals Segment

<i>(Dollars in millions)</i>	2008	2007
Revenues	\$1,577.7	\$1,522.3
Operating income	85.3	134.5
Operating margin percent	5.4%	8.8%

Harsco Metals Segment – Significant Effects on Revenues

<i>(In millions)</i>	
Revenues – 2007	\$1,522.3
Acquisitions	30.0
Net increased volume and new business	18.6
Impact of foreign currency translation	6.8
Revenues – 2008	\$1,577.7

Harsco Metals Segment – Significant Impacts on Operating Income

- Despite overall increased volume, operating income and margins for the Harsco Metals Segment were negatively impacted by unprecedented declines in global steel production particularly during the fourth quarter of 2008; increased operating expenses, mainly higher fuel costs; as well as certain contracts with lower-than-acceptable margins.
- Operating income for 2008 included higher severance and other restructuring charges of \$27.7 million related to the fourth quarter 2008 restructuring actions.
- The 2007 acquisition of Alexander Mill Services International ("AMSI") was accretive to earnings in 2008.
- The impact of foreign currency translation in 2008 increased operating income for this segment by \$4.1 million compared with 2007.

All Other Category – Harsco Minerals & Rail

<i>(Dollars in millions)</i>	2008	2007
Revenues	\$849.6	\$750.0
Operating income	150.9	142.2
Operating margin percent	17.8%	19.0%

All Other Category – Harsco Minerals & Rail – Significant Impacts on Revenues

<i>(In millions)</i>	
Revenues – 2007	\$750.0
Railway track maintenance services and equipment	46.8
Air-cooled heat exchangers	22.0
Industrial grating products	18.7
Acquisitions	12.9
Roofing granules and abrasives	5.9
Boiler and process equipment	4.3
Impact of foreign currency translation	(4.5)
Reclamation and recycling services	(6.5)
Revenues – 2008	\$849.6

Management's Discussion and Analysis of Financial Condition and Results of Operations

All Other Category – Harsco Minerals & Rail – Significant Effects on Operating Income

- The railway track maintenance services and equipment business delivered increased income in 2008 compared with 2007 due to increased rail equipment sales and repair parts, partially offset by reduced contract services sales and higher selling, general and administrative expenses.
- Strong demand in the natural gas market resulted in increased volume and operating income for the air-cooled heat exchangers business in 2008. These increases were partially offset by increased costs principally due to overall higher steel costs in 2008.
- The industrial grating products business experienced higher sales as a result of increased pricing; however, operating income increases were partially offset by higher costs principally due to overall higher steel costs in 2008.
- Despite lower volume for the roofing granules and abrasives business in 2008, sales and operating income increased due to price increases, which were partially offset by higher selling, general and administrative expenses.
- Operating income for the boiler and process equipment business was higher in 2008 due to increased demand, partially offset by increased production costs and selling, general and administrative expenses.
- Operating income for the reclamation and recycling services was lower in 2008 due principally to unprecedented fourth quarter steel mills production declines and a significantly lower metal prices and product mix.
- The impact of foreign currency translation in 2008 decreased operating income by \$2.1 million for this Category compared to 2007.

Outlook, Trends and Strategies

Company Wide

Adverse economic conditions precipitated by developments in the financial markets in the United States have created tremendous uncertainty and anxiety throughout the world. The erosion in confidence in the financial markets, the global recession and the soaring U.S. dollar have caused the Company's near-term prospects to become more difficult. During the fourth quarter of 2008 there was an unprecedented reduction in global steel production as well as the postponement of some construction projects and sales due to the tightening of credit. In addition, the value of the U.S. dollar strengthened significantly against many other currencies, including the major currencies in key markets of the Company. The year 2009 is expected to be a very challenging year,

particularly in the first half. The major challenges facing the Company include the following:

- Overall instability of the global financial markets and economies
- Continuing strengthening of the U.S. dollar
- Tightening of credit markets that limit the ability of the Company's customers to obtain financing
- Substantial and unprecedented reductions in global steel production
- Depressed commodity prices, particularly high-value metals

In response to this global financial and economic crisis, the Company has and will continue to proactively and aggressively implement a number of countermeasures to reinforce 2009 performance, including:

- During the fourth quarter of 2008, the Company implemented a restructuring program designed to improve organizational efficiency and enhance profitability and stockholder value. Under the restructuring program, the Company is principally exiting certain underperforming contracts with customers, closing certain facilities, and reducing its global workforce. The extent of the restructuring program increased from previously announced estimates to include additional actions taken as the global financial and economic crisis continued to deepen. The Company recorded a pre-tax charge of \$36.1 million related to the restructuring program, or approximately \$0.28 per diluted share. The annualized benefits associated with this charge are estimated to be \$50 million, or approximately \$0.45 per diluted share, and are expected to be realized in 2009 and beyond.
- Cutting costs across the enterprise, including reducing or eliminating discretionary spending to match market conditions.
- Prudently reducing growth capital expenditures in 2009 while redeploying equipment from slowing markets to new projects in strategically important areas such as the Middle East and Africa, Asia-Pacific, and several other key countries.
- Accelerating growth initiatives, including projects in emerging markets.
- Selective, prudent strategic acquisitions.

While the global economic conditions remain uncertain and turbulent, the Company believes it is well-positioned to capitalize on opportunities and execute strategic initiatives based upon its strong balance sheet, available liquidity and its ability to generate strong operating cash flows. The Company is confident that the previously mentioned actions along with its new LeanSigma continuous improvement program will significantly reduce the Company's cost structure, further enhancing its financial strength. Additionally, the Company's global footprint; diversity of services and products; long-term mill services contracts; portability of infrastructure services equipment; and large infrastructure services customer base help mitigate its overall exposure to changes in any one single economy. However, further deterioration of the global economies could still have an adverse impact on the Company's operating results.

Looking to 2009 and beyond, the following significant items, trends and strategies are expected to affect the Company:

- The Company will continue its disciplined focus on expanding its industrial services businesses, with a particular emphasis on prudently growing the Harsco Infrastructure Segment, especially in emerging economies and other targeted markets. Growth is expected to be achieved through the provision of additional services to existing customers, new contracts in both developed and emerging markets, and selective strategic bolt-on acquisitions. Additionally, new higher-margin service and sales opportunities in the minerals and rail businesses will be pursued globally.
- The Company will continue to invest in selective strategic acquisitions and growth capital investments; however, management will continue to be very selective and disciplined in allocating capital, choosing projects with the highest Economic Value Added (“EVA”) potential.
- The Company anticipates global government stimulus packages to fund much-needed infrastructure projects throughout the world. The Harsco Infrastructure Segment is well-positioned with its engineering and logistics expertise and the capital investment base to take advantage of these expected opportunities.
- The implementation of the Company’s enterprise-wide LeanSigma continuous improvement program in 2008 should provide long-term benefits and improve the overall performance of the Company through a reduced cost structure and increased efficiency.
- In addition to LeanSigma, the Company will continue to implement enterprise-wide business optimization initiatives to further enhance margins for most businesses. These initiatives include improved supply-chain and logistics management; capital employed optimization; and added emphasis on global procurement.
- The Company will place a strong focus on corporate-wide expansion into emerging economies in the coming years to better balance its geographic footprint. More specifically, within the next three to five years, the Company’s global growth strategies include steady, targeted expansion in the Middle East and Africa, Asia/Pacific and Latin America to further complement the Company’s already-strong presence throughout Western Europe and North America. This strategy is expected to result in a significant increase to the Company’s presence in these markets to approximately 30% of total Company revenues over the next three years and closer to 40% in the longer term. Revenues in these markets were almost 21% for 2008 compared with 18% for 2007. In the long term, the improved geographic footprint will also benefit the Company as it further diversifies its customer base.
- Volatility in energy and commodity costs (e.g., crude oil, natural gas, steel, etc.) and worldwide demand for these commodities could have an adverse impact on the Company’s operating costs and ability to obtain the necessary raw materials. Cost increases could result in reduced operating income for certain products and services, to the extent that such costs cannot be passed on to customers. Cost decreases could result in increased operating income to the extent that such cost savings do not need to be passed to customers. However, increased volatility in energy and commodity costs may provide additional service opportunities for the Harsco Metals Segment and several businesses in the All Other Category (Harsco Minerals & Rail) as customers may tend to outsource more services to reduce overall costs. Such volatility may also provide opportunities for additional petrochemical plant maintenance and capital improvement projects. As part of the enterprise-wide optimization initiatives discussed above, the Company is implementing programs to help mitigate these costs.
- Foreign currency translation had an overall minor favorable effect on the Company’s sales and operating income during 2008 in comparison with 2007. However, due to the strengthening of the U.S. dollar near the end of the third quarter and through the fourth quarter 2008, foreign currency translation had an overall unfavorable impact on the Company’s stockholders’ equity and is expected to have a significant negative impact on 2009 sales and earnings in relationship to 2008. If the U.S. dollar continues to strengthen (which it has through mid-February 2009), particularly in relationship to the euro, British pound sterling or the Eastern European currencies, the impact on the Company would generally be negative in terms of reduced revenue, operating income and stockholders’ equity. Additionally, even if the U.S. dollar remains at its current value, the Company’s revenue and operating income will be negatively impacted in comparison to 2008. Should the U.S. dollar weaken in relationship to these currencies, the effect on the Company would generally be positive in terms of higher revenue, operating income and stockholders’ equity.
- Despite the tightening of credit during the second half of the year (and slightly higher borrowing rates during that time) overall variable borrowing rates for 2008 have been lower than 2007. A one percentage point change in variable interest rates would change interest expense by approximately \$1.2 million per year. This is substantially lower than prior projected impacts as variable rate debt has been reduced to approximately 12% of the Company’s borrowings as of December 31, 2008, compared to approximately 49% at December 31, 2007. This decrease is due to the repayment of commercial paper borrowings during the second quarter of 2008 with the proceeds from the May 2008 U.S. senior notes offering coupled with strong operating cash flows in 2008. The Company manages the mix of fixed-rate and floating-rate debt to preserve adequate funding flexibility, as well as control the effect of interest-rate changes on consolidated interest expense. Strategies to further reduce related risks are under consideration.

Management's Discussion and Analysis of Financial Condition and Results of Operations

- Total defined benefit pension expense for 2009 will be substantially higher than the 2008 level due to the decline in pension asset values during the second half of 2008. This decline was due to the financial crisis and the deterioration of global economic conditions. In an effort to mitigate a portion of this overall increased cost for 2009, the Company implemented additional plan design changes for a certain international defined benefit pension plan so that accrued service is no longer granted for periods after December 31, 2008. This action was part of the Company's overall strategy to reduce pension expense and volatility.
- As the Company continues the strategic expansion of its global footprint and implements tax planning opportunities, the 2008 effective income tax rate has been lower than 2007. The effective income tax rate for continuing operations was 26.7% for 2008, compared with 30.7% for 2007. The decrease in the effective income tax rate for the year 2008 was primarily due to increased earnings in jurisdictions with lower tax rates; increased designation of certain international earnings as permanently reinvested; and the recognition of previously unrecognized tax benefits in certain state and foreign jurisdictions. Looking forward into 2009 the effective income tax rate is expected to be in the range of 28%.
- The Company expects continued strong cash flows from operating activities in 2009; however, 2009 is not expected to be as strong as the record 2008 cash flows. The Company plans to significantly reduce the amount of cash invested for organic growth capital expenditures during 2009. The Company's growth capital expenditures were approximately \$248 million in 2008. The Company expects growth capital expenditures to approximate \$100 million during 2009. The Company believes that the mobile nature of its capital investment pool will facilitate strategic growth initiatives in the near term, despite the reduction in growth capital expenditures for 2009.

Harsco Infrastructure Segment

- The strong U.S. dollar will continue to adversely affect sales and operating income of Harsco Infrastructure, as approximately 80% of this business operates outside the U.S. The near-term outlook for the Harsco Infrastructure Segment will be negatively impacted by continued uncertainty in the global credit markets, which has deferred equipment sales and some construction projects. The current weakness in the commercial construction market, particularly in Western Europe and the United States, is being partially offset by a steady level of activity from the Company's infrastructure maintenance services, institutional and global infrastructure projects, and continued overall growth in the Middle East.
- The Company will continue to emphasize prudent expansion of its geographic presence in this Segment through entering new markets and further expansion in emerging economies, and will continue to

leverage its value-added services and highly engineered forming, shoring and scaffolding systems to grow the business.

- The Company will continue to diversify this business, focusing on growth in institutional and global infrastructure projects and infrastructure maintenance projects.
- The Company will continue to implement its LeanSigma continuous improvement program and other key initiatives including: global procurement and logistics; the sharing of engineering knowledge and resources; optimizing the business under one standardized administrative and operating model at all locations worldwide; and on-going analysis for other potential synergies across the operations.
- Operating performance for this Segment in the long term is expected to benefit from the execution of global government stimulus packages which should fund much-needed infrastructure projects throughout the world.

Harsco Metals Segment

- The strong U.S. dollar will continue to adversely affect the sales and operating income of Harsco Metals, as over 80% of this business operates outside the U.S. Adverse economic uncertainties developing through the third and fourth quarters of 2008 have resulted in reduced demand for steel, causing steel companies globally to significantly scale back production. Mills have also been accelerating planned maintenance outages in an effort to better balance production and end-market demand. These customer actions had a significant negative impact on the Harsco Metals Segment's results in the fourth quarter of 2008. Entering 2009, the Company continues to see this Segment's operations running at even lower capacity than December 2008. While global demand for steel remains weak, steel production cuts of this depth and breadth are not expected to be sustainable for long periods of time. The Company does not foresee any measurable pick-up in this Segment's operations until the second half of 2009.
- Benefits from the restructuring program implemented in the fourth quarter of 2008 should improve the operational efficiency and enhance profitability of the Harsco Metals Segment in 2009 and beyond. Initiatives included the exit of underperforming contracts with customers and underperforming operations; defined benefit pension plan design changes; overall reduction in global workforce; and substantially reducing discretionary spending.
- The Company will continue to place significant emphasis on improving operating margins of this Segment. Margin improvements are most likely to be achieved as a result of the recent decline in fuel costs; cost reduction initiatives, renegotiating or exiting contracts with lower-than-acceptable returns, principally in North America; internal enterprise business optimization efforts; divesting low-margin product lines; continuing to execute a geographic expansion strategy

in the Middle East and Africa, Latin America and Asia/Pacific; and implementing continuous improvement initiatives including LeanSigma projects, global procurement initiatives, site efficiency programs, technology enhancements, maintenance best practices programs and reorganization actions. Although the costs associated with these efforts have reduced operating margins during 2008 when compared with 2007 due to incremental costs, the overall margin enhancements are expected to be recognized in the second half of 2009 and beyond.

- The Company will continue to diversify its customer base by reallocating assets to new customers in emerging markets.
 - Further consolidation in the global steel industry is possible. Should additional consolidations occur involving some of the steel industry's larger companies that are customers of the Company, it would result in an increase in concentration of revenues and credit risk for the Company. If a large customer were to experience financial difficulty, or file for bankruptcy protection, it could adversely impact the Company's income, cash flows and asset valuations. As part of its credit risk management practices, the Company closely monitors the credit standing and accounts receivable position of its customer base. Further consolidation may also increase pricing pressure on the Company and the competitive risk of services contracts which are due for renewal. Conversely, such consolidation may provide additional service opportunities for the Company as the Company believes it is well-positioned competitively.
 - ArcelorMittal recently notified the Company that it would unilaterally revise the fixed-fee provisions of certain contracts between the parties with the intended effect resulting in a significant price reduction to the Company. The Company has notified ArcelorMittal that their actions are a breach of these contracts and that the Company will take all necessary and appropriate actions to protect its legal rights. Discussions between the parties continue, but it is possible that the parties may need to resort to third-party resolution of this issue. ArcelorMittal represented approximately 10% of the Company's sales in 2008, 2007 and 2006. The Company expects ArcelorMittal sales in 2009 to be less than 10% of the Company's sales due primarily to reduced steel production levels; the Company's exiting of certain underperforming contracts with ArcelorMittal; and a stronger U.S. dollar. It is possible that the eventual outcome of this unprecedented breach of contract could negatively impact the Company's long-term relationship with this customer and, as a result, the Company's financial position, results of operations and cash flows could be negatively impacted. Of all of the Company's major customers in the Harsco Metals Segment, the EVA on contracts with ArcelorMittal are the lowest in the portfolio. Contracts with ArcelorMittal are long-term contracts, such that any impact on the Company's future results of operations would occur over a number of years.
- All Other Category – Harsco Minerals & Rail**
- The Company will emphasize prudent global expansion of its reclamation and recycling value-added services for extracting high-value metallic content from slag and responsibly handling and recycling residual materials.
 - Low metal prices and historical low production levels will continue to have a negative effect on certain reclamation and recycling services in 2009, which may adversely affect the revenues, operating income, cash flows and asset valuations of this business.
 - Certain businesses in this Category are dependent on a small group of key customers. The loss of one of these customers due to competition or due to financial difficulty, or the filing for bankruptcy protection could adversely impact the Company's income, cash flows and asset valuations. As part of its credit risk management practices, the Company closely monitors the credit standing and accounts receivable position of its customer base.
 - International demand for the railway track maintenance services and equipment business's products and services is expected to be strong in both the near term and the long term. A large multi-year equipment order signed in 2007 with China is an example of the underlying strength of the international markets. Due to long lead-times, this order is expected to generate most of its revenues during 2009 through 2011. In addition, increased volume of contract services and LeanSigma continuous improvement initiatives are expected to improve margins on a long-term basis.
 - Worldwide supply and demand for steel and other commodities could have an adverse impact on raw material costs and the ability to obtain the necessary raw materials for several businesses in this Category. The Company has implemented certain strategies to help ensure continued product supply to its customers and mitigate the potential impact that changes in steel and other commodity prices could have on operating income. If steel or other commodity costs associated with the Company's manufactured products increase and the costs cannot be passed on to the Company's customers, operating income would be adversely affected. Conversely, reduced steel and other commodity costs would improve operating income to the extent such savings do not have to be passed to customers. Additionally, if the Company cannot obtain the necessary raw materials for its manufactured products, then revenues, operating income and cash flows could be adversely affected.
 - Operating margins of the abrasives business could be impacted by volatile energy prices that affect both production and transportation costs. This business continues to pursue cost and site optimization initiatives and the use of more energy-efficient equipment to help mitigate future energy-related increases.
 - Due to a stable natural gas market and additional North American opportunities, demand for air-cooled heat exchangers is expected to remain at least consistent with 2008 levels.

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Results of Operations for 2008, 2007 and 2006 ^(a)

<i>(Dollars are in millions, except per share information and percentages)</i>	2008	2007	2006
Revenues from continuing operations	\$3,967.8	\$3,688.2	\$3,025.6
Cost of services and products sold	2,926.4	2,685.5	2,203.2
Selling, general and administrative expenses	602.2	538.2	472.8
Other expenses	22.0	3.4	2.5
Operating income from continuing operations	412.0	457.8	344.3
Interest expense	73.2	81.4	60.5
Income tax expense from continuing operations	91.8	117.6	93.4
Income from continuing operations	245.6	255.1	186.4
Income (loss) from discontinued operations	(4.7)	44.4	10.0
Net income	240.9	299.5	196.4
Diluted earnings per common share from continuing operations	2.92	3.01	2.21
Diluted earnings per common share	2.87	3.53	2.33
Effective income tax rate for continuing operations	26.7%	30.7%	32.5%
Consolidated effective income tax rate	27.7%	31.4%	32.3%

(a) All historical amounts in the Results of Operations section have been reclassified for comparative purposes to reflect discontinued operations.

Comparative Analysis of Consolidated Results

Revenues

2008 vs. 2007

Revenues for 2008 increased \$279.7 million or 8% from 2007, to a record level. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Revenues 2008 vs. 2007
\$ 80.3	Net increased revenues in the Harsco Infrastructure Segment due principally to non-residential and infrastructure construction in international, particularly in the Middle East and Europe, and North American markets.
58.5	Effect of business acquisitions. Increased revenues of \$30.0 million, \$15.6 million and \$12.9 million in the Harsco Metals Segment, Harsco Infrastructure Segment and the All Other Category (Harsco Minerals & Rail), respectively.
46.8	Increased revenues in the railway track maintenance services and equipment business due to a higher level of rail equipment shipments in 2008 and increased repair parts sales, partially offset by decreased contract services.
30.8	Effect of foreign currency translation.
22.0	Increased revenues of the air-cooled heat exchangers business due to a continued strong natural gas market.
18.7	Increased revenues of the industrial grating products business due to increased prices.
18.6	Net increased volume, new business and sales price changes in the Harsco Metals Segment (excluding acquisitions).
5.9	Increased revenues in the roofing granules and abrasives business resulting from price increases and product mix.
4.6	Other (minor changes across the various units not already mentioned).
(6.5)	Net decreased revenues in the reclamation and recycling services business due to lower metal prices and reduced volume.
\$279.7	Total Change in Revenues 2008 vs. 2007

2007 vs. 2006

Revenues for 2007 increased \$662.5 million or 22% from 2006. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Revenues 2007 vs. 2006
\$211.6	Business acquisitions. Increased revenues of \$123.7 million, \$53.2 million and \$34.7 million in the All Other Category (Harsco Minerals & Rail), Harsco Infrastructure Segment and Harsco Metals Segment, respectively.
209.6	Net increased revenues in the Harsco Infrastructure Segment due principally to the continued strength of the non-residential and infrastructure construction markets in both North America and internationally, particularly in Europe and the Middle East (excluding acquisitions).
166.9	Effect of foreign currency translation.
30.8	Net increased volume, new business and sales price changes in the Harsco Metals Segment (excluding acquisitions).
27.7	Increased revenues of the air-cooled heat exchangers business due to a continued strong natural gas market.
23.8	Increased revenues of the industrial grating products business due to continued strong demand.
(4.9)	Net decreased revenues in the roofing granules and abrasives business resulting from lower demand.
(3.0)	Other (minor changes across the various units not already mentioned).
\$662.5	Total Change in Revenues 2007 vs. 2006

Cost of Services and Products Sold

2008 vs. 2007

Cost of services and products sold for 2008 increased \$240.9 million or 9% from 2007, slightly higher than the 8% increase in revenues. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Cost of Services and Products Sold 2008 vs. 2007
\$129.5	Increased costs due to increased revenues (exclusive of the effect of foreign currency translation and business acquisitions, and including the impact of increased commodity and energy costs included in selling prices).
45.7	Business acquisitions.
40.8	Other (product/service mix and increased equipment maintenance costs, partially offset by enterprise business optimization initiatives and volume-related efficiencies).
24.9	Effect of foreign currency translation.
\$240.9	Total Change in Cost of Services and Products Sold 2008 vs. 2007

2007 vs. 2006

Cost of services and products sold for 2007 increased \$482.3 million or 22% from 2006, consistent with the 22% increase in revenues. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Cost of Services and Products Sold 2007 vs. 2006
\$174.1	Increased costs due to increased revenues (exclusive of the effect of foreign currency translation and business acquisitions, and including the impact of increased commodity and energy costs included in selling prices).
144.4	Business acquisitions.
124.5	Effect of foreign currency translation.
39.3	Other (increased equipment maintenance costs and product/service mix, partially offset by enterprise business optimization initiatives and volume-related efficiencies).
\$482.3	Total Change in Cost of Services and Products Sold 2007 vs. 2006

Selling, General and Administrative Expenses

2008 vs. 2007

Selling, general and administrative ("SG&A") expenses for 2008 increased \$63.9 million or 12% from 2007. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Selling, General and Administrative Expenses 2008 vs. 2007
\$23.5	Increased compensation expense due to salary increases resulting from overall business growth, partially offset by lower employee incentive plan costs.
9.5	Increased professional fees due to global optimization projects and global business expansion.
6.8	Business acquisitions.
4.7	Bad debt expense.
3.6	Increased travel expenses to support business expansion and optimization projects.
3.2	Increased commissions, largely related to increased revenues in the railway track equipment business.
3.2	Higher depreciation expense principally related to the implementation of enterprise-wide information technology systems and related hardware.
2.6	Effect of foreign currency translation.
6.8	Other expenses.
\$63.9	Total Change in Selling, General and Administrative Expenses 2008 vs. 2007

2007 vs. 2006

Selling, general and administrative ("SG&A") expenses for 2007 increased \$65.4 million or 14% from 2006. This increase was attributable to the following significant items:

<i>In millions</i>	Change in Selling, General and Administrative Expenses 2007 vs. 2006
\$22.8	Effect of foreign currency translation.
20.3	Increased compensation expense due to salary increases and employee incentive plan costs due to overall business growth and improved performance.
19.2	Business acquisitions.
7.9	Increased professional fees due to global optimization projects.
(4.8)	Other expenses.
\$65.4	Total Change in Selling, General and Administrative Expenses 2007 vs. 2006

Management's Discussion and Analysis of Financial Condition and Results of Operations

Other Expenses

This income statement classification includes impaired asset write-downs, employee termination benefit costs and costs to exit activities, offset by net gains on the disposal of non-core assets.

2008 vs. 2007

Net Other Expenses of \$22.0 million for 2008 increased \$18.5 million from the \$3.4 million during 2007. This increase in other expenses primarily relates to restructuring charges that the Company incurred during the fourth quarter of 2008.

2007 vs. 2006

Net Other Expenses of \$3.4 million in 2007 compared to \$2.5 million in 2006, an increase of \$0.9 million, due principally to employee termination benefit costs.

For additional information, see Note 15, Other (Income) and Expenses, to the Consolidated Financial Statements.

Interest Expense

2008 vs. 2007

Interest expense in 2008 was \$8.2 million or 10% lower than in 2007. This was principally due to lower overall debt levels in 2008 and, to a lesser extent, lower interest rates on variable interest rate borrowings. The impact of foreign currency translation also decreased interest expense by approximately \$0.5 million.

2007 vs. 2006

Interest expense in 2007 was \$20.9 million or 35% higher than in 2006. This was principally due to increased borrowings to finance business acquisitions made in 2007 and, to a lesser extent, higher interest rates on variable interest rate borrowings. The impact of foreign currency translation also increased interest expense by approximately \$2.6 million.

Income Tax Expense from Continuing Operations

2008 vs. 2007

The decrease in 2008 of \$25.8 million or 22% in the provision for income taxes from continuing operations was primarily due to a lower effective income tax rate from continuing operations and lower pre-tax income. The effective income tax rate relating to continuing operations

for 2008 was 26.7% versus 30.7% for 2007. The decrease in the effective income tax rate for the year 2008 was primarily due to increased earnings in jurisdictions with lower tax rates; increased designation of certain international earnings as permanently reinvested; and the recognition of previously unrecognized tax benefits in certain state and foreign jurisdictions.

2007 vs. 2006

The increase in 2007 of \$24.2 million or 26% in the provision for income taxes from continuing operations was due to increased earnings from continuing operations for the reasons mentioned above, partially offset by a lower effective income tax rate. The effective income tax rate relating to continuing operations for 2007 was 30.7% versus 32.5% for 2006. The decrease related principally from the Company increasing its designation of certain international earnings as permanently reinvested.

For additional information, see Note 9, Income Taxes, to the Consolidated Financial Statements.

Income from Continuing Operations

2008 vs. 2007

Income from continuing operations in 2008 of \$245.6 million was \$9.5 million or 4% lower than 2007. This decrease resulted from the overall economic downturn during the fourth quarter and the restructuring charges taken by the Company as a result of the downturn.

2007 vs. 2006

Income from continuing operations in 2007 of \$255.1 million was \$68.7 million or 37% higher than 2006. This increase resulted from strong demand for most of the Company's services and products, and business acquisitions.

Income (Loss) from Discontinued Operations

2008 vs. 2007

A loss from discontinued operations of \$4.7 million was generated in 2008 due to working capital adjustments and other costs associated with the disposition of the Gas Technologies Segment, coupled with the tax effect from the final purchase price allocation. This compares with income of \$44.4 million in 2007 due principally to the sale of the Company's Gas Technologies Segment in December 2007.

2007 vs. 2006

Income from discontinued operations for 2007 increased by \$34.4 million or 344% compared with 2006. The increase was primarily attributable to the \$26.4 million after-tax gain on the sale of the Gas Technologies Segment, as well as improved operating results for the business prior to the divestiture.

Net Income and Earnings Per Share

2008 vs. 2007

Net income of \$240.9 million and diluted earnings per share of \$2.87 in 2008 were lower than 2007 by \$58.5 million or 20% and \$0.66 or 19%, respectively, due to decreased income from both continuing and discontinued operations for the reasons described above.

2007 vs. 2006

Net income of \$299.5 million and diluted earnings per share of \$3.53 in 2007 exceeded 2006 by \$103.1 million or 52% and \$1.20 or 52%, respectively, due to increased income from both continuing and discontinued operations for the reasons described above.

Liquidity and Capital Resources

Overview

Global financial markets have been under stress due to poor lending and investment practices and sharp declines in real estate values. As a result, broad-based tightening of credit conditions has occurred which has restrained economic growth. In response to these changes in the global economic conditions, the Company has undertaken several initiatives to conserve capital and enhance liquidity including prudently reducing capital spending to only critical projects where the highest returns can be achieved while redeploying existing capital investments; optimizing worldwide cash positions; reducing or eliminating discretionary spending; and additional scrutiny and tightening of credit terms with customers. Despite the tightening of credit markets around the world, the Company continues to have available liquidity and has been able to issue commercial paper as needed. The Company currently expects operational and business needs to be covered by cash from operations in 2009.

Building on its consistent historical performance of strong operating cash flows, the Company achieved a record \$574.3 million in operating cash flow in 2008. This represents a 22% improvement over 2007's operating cash flow of \$471.7 million. This increase was primarily due

to lower trade receivables, lower inventory levels and higher cash advances from customers. These increases were partially offset by lower income tax accruals, which included the effect of a \$20 million income tax payment (as a result of the December 2007 gain on the sale of the discontinued Gas Technologies Segment), and reduced accounts payable levels.

In 2008, the Company invested \$457.6 million in capital expenditures (over 54% of which were for revenue-growth projects) returned \$128.6 million to stockholders through the repurchase of Company stock; and paid \$65.6 million in stockholder dividends.

The Company's net cash borrowings increased \$44.5 million in 2008. The incremental borrowings and operating cash flows funded capital expenditures, share repurchases, and stockholder dividends. Balance sheet debt, which is affected by foreign currency translation, decreased \$67.9 million from December 31, 2007. Debt to total capital ratio increased to 41.7% as of December 31, 2008, due principally to a \$152.4 million decline in Stockholders' Equity. The decline in Stockholders' Equity was primarily due to foreign currency translation adjustments; actuarial losses on pension obligations as a result of a decreased value of plan assets; and repurchases of treasury stock, offset by higher retained earnings at the end of 2008. Debt to total capital was 40.8% at December 31, 2007.

Despite global economic conditions, the Company's strategic objectives for 2009 include generating strong operating cash flows. The Company plans to sustain its balanced portfolio through its strategy of redeploying discretionary cash for disciplined growth and international diversification in the Harsco Infrastructure Segment; in long-term, high-return and high-renewal-rate services contracts for the Harsco Metals Segment, principally in emerging economies or for customer diversification; for growth and international diversification in the All Other Category (Harsco Minerals & Rail); and for selective bolt-on acquisitions in the industrial services businesses. The Company also foresees continuing its long and consistent history of paying dividends to stockholders.

The Company is also focused on improved working capital management. Specifically, short-term and long-term enterprise business optimization programs are being used to continue to further improve the effective and efficient use of working capital, particularly accounts receivable and inventories in the Harsco Infrastructure and Harsco Metals Segments.

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Cash Requirements

The following summarizes the Company's expected future payments related to contractual obligations and commercial commitments at December 31, 2008.

Contractual Obligations as of December 31, 2008 ^(a)

(In millions)	Payments Due by Period				
	Total	Less than 1 year	1-3 years	4-5 years	After 5 years
Short-term Debt	\$ 117.9	\$117.9	\$ —	\$ —	\$ —
Long-term Debt (including current maturities and capital leases)	895.0	3.2	295.1	150.0	446.7
Projected interest payments on Long-term Debt ^(b)	319.4	57.0	85.3	65.0	112.1
Pension and Other Postretirement Obligations ^(c)	528.4	48.9	99.1	104.9	275.5
Operating Leases	187.5	55.6	61.2	32.9	37.8
Purchase Obligations	123.0	120.6	1.5	0.6	0.3
Foreign Currency Forward Exchange Contracts ^(d)	293.9	293.9	—	—	—
Uncertain Tax Benefits ^(e)	0.9	0.9	—	—	—
Total Contractual Obligations	\$2,466.0	\$698.0	\$542.2	\$353.4	\$872.4

(a) See Note 6, Debt and Credit Agreements; Note 7, Leases; Note 8, Employee Benefit Plans; Note 9, Income Taxes; and Note 13, Financial Instruments, to the Consolidated Financial Statements for additional disclosures on short-term and long-term debt; operating leases; pensions and other postretirement benefits; income taxes; and foreign currency forward exchange contracts, respectively.

(b) The total projected interest payments on Long-term Debt are based upon borrowings, interest rates and foreign currency exchange rates as of December 31, 2008. The interest rates on variable-rate debt and the foreign currency exchange rates are subject to changes beyond the Company's control and may result in actual interest expense and payments differing from the amounts projected above.

(c) Amounts represent expected benefit payments by the defined benefit plans for the next 10 years.

(d) This amount represents the notional value of the foreign currency exchange contracts outstanding at December 31, 2008. Due to the nature of these transactions, there will be offsetting cash flows to these contracts, with the difference recognized as a gain or loss in the consolidated income statement.

(e) On January 1, 2007, the Company adopted the provisions of FIN 48. As of December 31, 2008, in addition to the \$0.9 million classified as short-term, the Company had approximately \$31.1 million of long-term tax liabilities, including interest and penalties, related to uncertain tax positions. Because of the high degree of uncertainty regarding the timing of future cash outflows associated with these liabilities, the Company is unable to estimate the years in which settlement will occur with the respective taxing authorities.

Off-Balance Sheet Arrangements— The following table summarizes the Company's contingent commercial commitments at December 31, 2008.

These amounts are not included in the Company's Consolidated Balance Sheets since there are no current circumstances known to management indicating that the Company will be required to make payments on these contingent obligations.

Commercial Commitments as of December 31, 2008

(In millions)	Total Amounts Committed	Amount of Commitment Expiration Per Period				
		Less than 1 Year	1-3 Years	4-5 Years	Over 5 Years	Indefinite Expiration
Standby Letters of Credit	\$197.9	\$61.7	\$136.2	\$ —	\$ —	\$ —
Guarantees	30.5	11.3	1.4	0.8	5.1	11.9
Performance Bonds	20.5	8.4	—	—	—	12.1
Other Commercial Commitments	11.1	—	—	—	—	11.1
Total Commercial Commitments	\$260.0	\$81.4	\$137.6	\$0.8	\$5.1	\$35.1

Certain guarantees and performance bonds are of a continuous nature and do not have a definite expiration date.

Sources and Uses of Cash

The Company's principal sources of liquidity are cash from operations and borrowings under its various credit agreements, augmented periodically by cash proceeds from asset sales. The primary drivers of the Company's cash flow from operations are the Company's sales and income, particularly in the services businesses. The Company's long-term Harsco Metals contracts provide predictable cash flows for several years into the future. (See "Certainty of Cash Flows" section for additional information on estimated future revenues of Harsco Metals contracts and order backlogs for the Company's manufacturing businesses and railway track maintenance services and equipment business). Cash returns on capital investments made in prior years, for which no cash is currently required, are a significant source of operating cash. Depreciation expense related to these investments is a non-cash charge. The Company also continues to maintain working capital at a manageable level based upon the requirements and seasonality of the business.

Major uses of operating cash flows and borrowed funds include capital investments, principally in the industrial services business; payroll costs and related benefits; pension funding payments; inventory purchases for the manufacturing businesses; income tax payments; debt principal and interest payments; insurance premiums and payments of self-insured casualty losses; and machinery, equipment, automobile and facility rental payments. Cash is also used for share repurchases and selective or bolt-on acquisitions as the appropriate opportunities arise.

Resources Available for Cash Requirements—The Company meets its on-going cash requirements for operations and growth initiatives by accessing the public debt markets and by borrowing from banks. Public markets in the United States and Europe are accessed through its commercial paper programs and through discrete term note issuance to investors. Various bank credit facilities are available throughout the world. The Company expects to utilize both the public debt markets and bank facilities to meet its cash requirements in the future.

In May 2008, the Company completed an offering in the United States of 5.75%, 10-year senior notes totaling \$450.0 million. After pricing and underwriting discounts, the Company received a total of \$446.6 million in cash proceeds from the offering. The proceeds were used to reduce the Company's U.S. and euro commercial paper programs by \$286.4 million and \$160.2 million, respectively.

The following table illustrates the amounts outstanding under credit facilities and commercial paper programs and available credit as of December 31, 2008:

Summary of Credit Facilities and Commercial Paper Programs			
(In millions)	As of December 31, 2008		
	Facility Limit	Outstanding Balance	Available Credit
U.S. commercial paper program	\$ 550.0	\$35.9	\$ 514.1
Euro commercial paper program	279.4	9.0	270.4
Multi-year revolving credit facility ^(a)	450.0	—	450.0
364-day revolving credit facility ^(a)	220.0	50.0	170.0
Bilateral credit facility ^(b)	30.0	—	30.0
Totals at December 31, 2008	\$1,529.4	\$94.9	\$1,434.5^(c)

(a) U.S.-based program.

(b) International-based program.

(c) Although the Company has significant available credit, for practical purposes, the Company limits aggregate commercial paper and credit facility borrowings at any one time to a maximum of \$700 million (the aggregate amount of the back-up facilities).

The Company's bilateral credit facility was renewed in December 2008. The facility, in the amount of \$30 million, serves as back-up to the Company's commercial paper programs and also provides available financing for the Company's European operations. Borrowings under this facility, which expires in December 2009, are available in most major currencies with active markets at interest rates based upon LIBOR plus a margin. Borrowings outstanding at expiration may be repaid over the succeeding 12 months. As of December 31, 2008 and 2007, there were no borrowings outstanding on this facility.

See Note 6, Debt and Credit Agreements, to the Consolidated Financial Statements for more information on the Company's credit facilities.

Credit Ratings and Outlook—The following table summarizes the Company's debt ratings as of December 31, 2008:

	Long-term Notes	U.S.-Based Commercial Paper	Outlook
Standard & Poor's ("S&P")	A-	A-2	Stable
Moody's	A3	P-2	Stable ^(a)
Fitch	A-	F2	Stable

(a) In January 2009, Moody's reaffirmed the Company's long-term notes and U.S. based commercial paper ratings, but changed its outlook from stable to negative.

The Company's euro-based commercial paper program has not been rated since the euro market does not require it. Fitch and Standard & Poor's ratings were reaffirmed as shown above in August and October 2008, respectively. In January 2009, Moody's reaffirmed the Company's long-term notes and U.S. based commercial paper

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ratings, but changed its outlook from stable to negative. Any continued tightening of the credit markets, which began during 2007 and significantly accelerated in 2008, may adversely impact the Company's access to capital and the associated costs of borrowing; however this is somewhat mitigated by the Company's strong financial position. A downgrade to the Company's credit ratings would probably increase borrowing costs to the Company, while an improvement in the Company's credit ratings would probably decrease borrowing costs to the Company. Additionally, a downgrade in the Company's credit ratings could result in reduced access to credit markets.

Working Capital Position— Changes in the Company's working capital are reflected in the following table:

<i>(Dollars are in millions)</i>	December 31 2008	December 31 2007	Increase (Decrease)
Current Assets			
Cash and cash equivalents	\$ 91.3	\$ 121.8	\$ (30.5)
Trade accounts receivable, net	648.9	779.6	(130.7)
Other receivables, net	46.0	44.5	1.5
Inventories	309.5	310.9	(1.4)
Other current assets	104.5	88.0	16.5
Assets held-for-sale	5.3	0.5	4.8
Total current assets	1,205.5	1,345.3	(139.8)
Current Liabilities			
Notes payable and current maturities	121.1	68.7	52.4
Accounts payable	262.8	307.8	(45.0)
Accrued compensation	85.2	108.9	(23.7)
Income taxes payable	13.4	41.3	(27.9)
Other current liabilities	405.9	347.3	58.6
Total current liabilities	888.4	874.0	14.4
Working Capital	\$ 317.1	\$ 471.3	\$(154.2)
Current Ratio	1.4:1	1.5:1	

Working capital decreased 33% in 2008 due principally to the following factors:

- Cash decreased \$30.5 million principally due to foreign currency translation and the Company's objective to efficiently use cash by reducing global cash balances.
- Net trade accounts receivable decreased \$130.7 million primarily due to foreign currency translation, the timing of collections and reduced sales in the fourth quarter of 2008, partially offset by growth within the All Other Category due to higher sales levels in these businesses.
- Other current assets increased \$16.5 million primarily due to higher prepayments made by the Company, mark-to-market commodity hedging and tax prepayments.
- Notes payable and current maturities increased \$52.4 million due to the anticipated payments of commercial paper borrowings during 2009, reduction of other short-term borrowings and foreign currency translation.

- Accounts payable decreased \$45.0 million primarily due to reduced activity levels in 2008 and foreign currency translation.
- Accrued compensation decreased \$23.7 million due principally to reduced 2008 incentive compensation accrual based on 2008 results and the payments of incentive compensation earned during 2007, partially offset by normal incentive compensation accruals within the All Other Category.
- Other current liabilities increased \$58.6 million due principally to advances on contracts within the railway track maintenance services and equipment business; partially offset by payments on existing accruals; decrease in insurance liabilities; foreign currency translation and accrued interest.

Certainty of Cash Flows— The certainty of the Company's future cash flows is underpinned by the long-term nature of the Company's metals services contracts and the strong discretionary cash flows (operating cash flows in excess of the amounts necessary for capital expenditures to maintain current revenue levels) generated by the Company. Traditionally the Company has utilized these discretionary cash flows for growth-related capital expenditures. At December 31, 2008, the Company's metals services contracts had estimated future revenues of \$4.1 billion, compared with \$5.0 billion as of December 31, 2007. The decline is primarily attributable to foreign currency translation effects. In addition, as of December 31, 2008, the Company had an order backlog of \$639.7 million in its All Other Category (Harsco Minerals & Rail). This compares with \$448.1 million as of December 31, 2007. The increase from December 31, 2007 is due principally to increased demand for certain products within the railway track maintenance services and equipment business, as a result of new international orders, as well as increased demand for heat exchangers. The railway track maintenance services and equipment business backlog includes a significant portion that will not be realized until 2009 and later due to the long lead-time necessary to build certain equipment, and the long-term nature of certain service contracts. Order backlog for scaffolding, shoring and forming services; for roofing granules and slag abrasives; and the reclamation and recycling services of high-value content from steelmaking slag is excluded from the above amounts. These amounts are generally not quantifiable due to the short order lead times for certain services, the nature and timing of the products and services provided and equipment rentals with the ultimate length of the rental period unknown.

The types of products and services that the Company provides are not subject to rapid technological change, which increases the stability of related cash flows. Additionally, each of the Company's businesses, in its balanced portfolio, is among the top three companies (relative to sales) in the industries and markets the Company serves. Due to these factors, the Company is confident in its future ability to generate positive cash flows from operations.

Cash Flow Summary

The Company's cash flows from operating, investing and financing activities, as reflected in the Consolidated Statements of Cash Flows, are summarized in the following table:

Summarized Cash Flow Information			
<i>(In millions)</i>	2008	2007	2006
Net cash provided by (used in):			
Operating activities	\$ 574.3	\$ 471.7	\$409.2
Investing activities	(443.4)	(386.1)	(359.4)
Financing activities	(155.6)	(77.7)	(84.2)
Effect of exchange rate changes on cash	(5.8)	12.7	14.7
Net change in cash and cash equivalents	\$ (30.5)	\$ 20.6	\$ (19.7)

Cash From Operating Activities— Net cash provided by operating activities in 2008 was a record \$574.3 million, an increase of \$102.5 million from 2007. The increase was primarily due to the following:

- Improved trade receivable collections coupled with lower sales volume during the fourth quarter of 2008.
- Reducing inventory growth throughout the Company.
- Higher levels of cash advances from customers received within the railway track maintenance services and equipment business.

These benefits were partially offset by the following:

- Lower income tax accruals (including a \$20 million income tax payment due to gain on the 2007 sale of discontinued Gas Technologies Segment).
- Lower net income in 2008 as compared with 2007.
- Decrease in accounts payable due to reduced activity levels in 2008 and foreign currency translation.

Cash Used in Investing Activities— Net cash used in investing activities in 2008 increased compared with 2007 due principally to the proceeds from the sale of the Company's Gas Technologies Segment in December 2007, partially offset by the purchase of Excell Minerals in 2007. In 2008, cash used in investing activities was \$443.4 million consisting primarily of capital investments of \$457.6 million. Capital investments were \$14.0 million higher compared to 2007 and over 54% of the investments were for projects intended to grow future revenues. Investments were made predominantly in the industrial services businesses, with 50% in the Harsco Infrastructure Segment and 45% in the Harsco Metals Segment. Throughout 2009, the Company plans to continue to manage its balanced portfolio and consider opportunities to invest in value creation projects including prudent, strategic, bolt-on acquisitions, principally in the Harsco Infrastructure business. Additionally, the Company will shift more growth investments into the All Other Category (Harsco Minerals & Rail) in 2009 and beyond, as this group continues to expand globally and operate at near maximum capacity.

Cash Used in Financing Activities— The following table summarizes the Company's debt and capital positions as of December 31, 2008 and 2007.

	December 31, 2008	December 31, 2007
<i>(Dollars are in millions)</i>		
Notes Payable and Current Maturities	\$ 121.1	\$ 68.7
Long-term Debt	891.8	1,012.1
Total Debt	1,012.9	1,080.8
Total Equity	1,413.7	1,566.1
Total Capital	\$2,426.6	\$2,646.9
Total Debt to Total Capital	41.7%	40.8%

The Company's debt as a percentage of total capital increased in 2008. Total equity decreased due principally to foreign currency translation, treasury stock purchases and pension liability adjustments partially offset by current net income.

Debt Covenants

The Company's credit facilities and certain notes payable agreements contain covenants requiring a minimum net worth of \$475 million and a maximum debt to capital ratio of 60%. At December 31, 2008, the Company was in compliance with these covenants with a debt to capital ratio of 41.7% and total net worth of \$1.4 billion. Based on balances at December 31, 2008, the Company could increase borrowings by approximately \$1,108.2 million and still be within its debt covenants. Alternatively, keeping all other factors constant, the Company's equity could decrease by approximately \$739.1 million and the Company would still be within its covenants. Additionally, the Company's 7.25% British pound sterling-denominated notes, due October 27, 2010, and its 5.75% notes, due May 2018, also include covenants that permit the note holders to redeem their notes, at par and 101% of par, respectively, in the event of a change of control of the Company or disposition of a significant portion of the Company's assets in combination with the Company's credit rating downgraded to non-investment grade. The Company expects to be compliant with these debt covenants one year from now.

Cash and Value-Based Management

The Company plans to continue with its strategy of selective, prudent investing for strategic purposes for the foreseeable future, although 2009 capital investments are expected to significantly decline from 2008 as existing investments are used more efficiently. The goal of this strategy is to improve the Company's EVA under the program adopted in 2002. Under this program the Company evaluates strategic investments based upon the investment's economic profit. EVA equals after-tax operating profits less a charge for the use of the capital employed to create those profits (only the service cost portion of pension expense is included for EVA purposes). Therefore, value is created when a project or initiative produces a return above the cost of capital.

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The Company currently expects to continue paying dividends to stockholders. The Company has increased the dividend rate for fifteen consecutive years, and in February 2009, the Company paid its 235th consecutive quarterly cash dividend.

The Company repurchased 4.5 million shares of the Company's common stock under its stock repurchase authorization. Repurchases were made in open market transactions at times and amounts as management deemed appropriate, depending on market conditions. The Company has authorization to repurchase up to 1.5 million of its shares through January 31, 2010. Future repurchase may commence or be discontinued at any time. The Company will be extremely prudent in any decision to resume repurchases.

The Company's financial position and debt capacity should enable it to meet current and future requirements. As additional resources are needed, the Company should be able to obtain funds readily and at competitive costs. The Company is well-positioned and intends to continue investing prudently and strategically in high-return projects, generally in emerging markets; and strategic acquisitions; to reduce debt; and pay cash dividends as a means to enhance stockholder value.

Application of Critical Accounting Policies

The Company's discussion and analysis of its financial condition and results of operations are based upon the consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires the Company to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent liabilities. On an on-going basis, the Company evaluates its estimates, including those related to pensions and other postretirement benefits, bad debts, goodwill valuation, long-lived asset valuations, inventory valuations, insurance reserves, contingencies and income taxes. The impact of changes in these estimates, as necessary, is reflected in the respective segment's operating income in the period of the change. The Company bases its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different outcomes, assumptions or conditions.

The Company believes the following critical accounting policies are affected by its more significant judgments and estimates used in the preparation of its consolidated financial statements. Management has discussed the development and selection of the critical accounting estimates described below with the Audit Committee of the Board of Directors and the Audit Committee has reviewed the Company's

disclosure relating to these estimates in this Management's Discussion and Analysis of Financial Condition and Results of Operations. These items should be read in conjunction with Note 1, Summary of Significant Accounting Policies, to the Consolidated Financial Statements.

Pension Benefits

The Company has defined benefit pension plans in several countries. The largest of these plans are in the United Kingdom and the United States. The Company's funding policy for these plans is to contribute amounts sufficient to meet the minimum funding pursuant to U.K. and U.S. statutory requirements, plus any additional amounts that the Company may determine to be appropriate. The Company made cash contributions to its defined benefit pension plans of \$30.5 million and \$42.0 million (including \$10.1 million of voluntary payments) during 2008 and 2007, respectively. Additionally, the Company expects to make a minimum of \$37.9 million in cash contributions to its defined benefit pension plans during 2009.

As of December 31, 2006, the Company accounted for its defined benefit pension plans in accordance with SFAS 158, which requires the Company to recognize in its balance sheet, the overfunded or underfunded status of its defined benefit postretirement plans measured as the difference between the fair value of the plan assets and the benefit obligation (projected benefit obligation for a pension plan) as an asset or liability. The charge or credit is recorded as adjustment to Accumulated other comprehensive income (loss), net of tax. This reduced the Company's equity on an after-tax basis by approximately \$88.2 million compared with measurement under prior standards. The results of operations were not affected. The adoption of SFAS 158 did not have a negative impact on compliance with the Company's debt covenants.

During 2008, the Company eliminated early measurement dates for its defined benefit pension plans. In accordance with SFAS 158, all defined benefit pension plans are now measured at the end-of-year balance sheet date. The incremental effect of this transition resulted in an increase of \$0.9 million to beginning Stockholders' Equity as of January 1, 2008.

As of December 31, 2008, the Company recorded an after-tax charge of \$74.3 million to Accumulated other comprehensive loss. This is primarily due to actuarial losses as a result of actual pension asset returns being lower than assumed pension asset returns. Actual pension asset returns were impacted by the 2008 financial crisis and the deterioration of global economic conditions.

As a result, total defined benefit pension expense for 2009 will be substantially higher than the 2008 level due to the decline in pension asset values during the second half of 2008. In an effort to mitigate a portion of this overall increased cost for 2009, the Company implemented additional plan design changes for a certain international

defined benefit pension plans so that accrued service is no longer granted for periods after December 31, 2008. This action was a continuation of the Company's overall strategy to reduce overall pension expense and volatility.

The Company's pension task force continues to evaluate alternative strategies to further reduce overall pension expense including the consideration of converting the remaining defined benefit plans to defined contribution plans; the on-going evaluation of investment fund managers' performance; the balancing of plan assets and liabilities; the risk assessment of all multi-employer pension plans; the possible merger of certain plans; the consideration of incremental cash contributions to certain plans; and other changes that could reduce future pension expense volatility and minimize risk.

Critical Estimate – Defined Benefit Pension Benefits

Accounting for defined benefit pensions and other postretirement benefits requires the use of actuarial assumptions. The principal assumptions used include the discount rate and the expected long-term rate-of-return on plan assets. Each assumption is reviewed annually and represents management's best estimate at that time. The assumptions are selected to represent the average expected experience over time and may differ in any one year from actual experience due to changes in capital markets and the overall economy. These differences will impact the amount of unfunded benefit obligation and the expense recognized.

The discount rates as of the December 31, 2008 measurement date for the U.K. and U.S. defined benefit pension plans were 6.0% and 6.1%, respectively. These rates were used in calculating the Company's projected benefit obligations as of December 31, 2008. The discount rates selected represent the average yield on high-quality corporate bonds as of the measurement dates. The global weighted-average of these assumed discount rates for the years ending December 31, 2008, 2007 and 2006 were 6.1%, 5.9% and 5.3%, respectively. Annual pension expense is determined using the discount rates as of the measurement date, which for 2008 was the 5.9% global weighted-average discount rate. Pension expense and the projected benefit obligation generally increase as the selected discount rate decreases.

The expected long-term rate-of-return on plan assets is determined by evaluating the portfolios' asset class return expectations with the Company's advisors as well as actual, long-term, historical results of asset returns for the pension plans. The pension expense increases as the expected long-term rate-of-return on assets decreases. For 2008, the global weighted-average expected long-term rate-of-return on asset assumption was 7.6%. For 2009, the expected global long-term rate-of-return on assets is 7.4%. This rate was determined based on a model of expected asset returns for an actively managed portfolio.

Changes in defined benefit pension expense may occur in the future due to changes in actuarial assumptions and due to changes in returns on plan assets resulting from financial market conditions. Holding all other assumptions constant, using December 31, 2008 plan data, a one-half percent increase or decrease in the discount rate and the expected long-term rate-of-return on plan assets would increase or decrease annual 2009 pre-tax defined benefit pension expense as follows:

	Approximate Changes in Pre-tax Defined Benefit Pension Expense	
	U.S. Plans	U.K. Plan
Discount rate		
One-half percent increase	Decrease of \$1.5 million	Decrease of \$2.6 million
One-half percent decrease	Increase of \$1.8 million	Increase of \$1.9 million
Expected long-term rate-of-return on plan assets		
One-half percent increase	Decrease of \$0.9 million	Decrease of \$2.4 million
One-half percent decrease	Increase of \$0.9 million	Increase of \$2.4 million

Should circumstances change that affect these estimates, changes (either increases or decreases) to the net pension obligations may be required and would be recorded in accordance with the provisions of SFAS 87 and SFAS 158. Additionally, certain events could result in the pension obligation changing at a time other than the annual measurement date. This would occur when the benefit plan is amended or when plan curtailments occur under the provisions of SFAS No. 88, "Employers' Accounting for Settlements and Curtailments of Defined Benefit Pension Plans and for Termination Benefits" ("SFAS 88").

See Note 8, Employee Benefit Plans, to the Consolidated Financial Statements for additional disclosures related to these items.

Notes and Accounts Receivable

Notes and accounts receivable are stated at their net realizable value through the use of an allowance for doubtful accounts. The allowance is maintained for estimated losses resulting from the inability or unwillingness of customers to make required payments. The Company has policies and procedures in place requiring customers to be evaluated for creditworthiness prior to the execution of new service contracts or shipments of products. These reviews are structured to minimize the Company's risk related to realizability of its receivables. Despite these policies and procedures, the Company may at times still experience collection problems and potential bad debts due to economic conditions within certain industries (e.g., construction and steel industries) and countries and regions in which the Company operates. As of December 31, 2008 and 2007, trade accounts receivable of \$648.9 million and \$779.6 million, respectively, were net of reserves of \$27.9 million and \$25.6 million, respectively.

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Critical Estimate – Notes and Accounts Receivable

A considerable amount of judgment is required to assess the realizability of receivables, including the current creditworthiness of each customer, related aging of the past due balances and the facts and circumstances surrounding any non-payment. The Company's provisions for bad debts during 2008, 2007 and 2006 were \$12.5 million, \$7.8 million and \$9.2 million, respectively. The increase from 2007 to 2008 is due to higher bad debt expense in the Harsco Infrastructure Segment due principally to deteriorating economic conditions in certain markets. The decrease from 2006 to 2007 is due to lower bad debt expense in the Harsco Infrastructure and Harsco Metals Segments.

On a monthly basis, customer accounts are analyzed for collectibility. Reserves are established based upon a specific-identification method as well as historical collection experience, as appropriate. The Company also evaluates specific accounts when it becomes aware of a situation in which a customer may not be able to meet its financial obligations due to a deterioration in its financial condition, credit ratings or bankruptcy. The reserve requirements are based on the facts available to the Company and are re-evaluated and adjusted as additional information is received. Reserves are also determined by using percentages (based upon experience) applied to certain aged receivable categories. Specific issues are discussed with Corporate Management and any significant changes in reserve amounts or the write-off of balances must be approved by a specifically designated Corporate Officer. All approved items are monitored to ensure they are recorded in the proper period. Additionally, any significant changes in reserve balances are reviewed to ensure the proper Corporate approval has occurred.

If the financial condition of the Company's customers were to deteriorate, resulting in an impairment of their ability to make payments, additional allowances may be required. Conversely, an improvement in a customer's ability to make payments could result in a decrease of the allowance for doubtful accounts. Changes in the allowance related to both of these situations would be recorded through income in the period the change was determined.

The Company has not materially changed its methodology for calculating allowances for doubtful accounts for the years presented.

See Note 3, Accounts Receivable and Inventories, to the Consolidated Financial Statements for additional disclosures related to these items.

Goodwill

The Company's net goodwill balances were \$631.5 million and \$720.1 million, as of December 31, 2008 and 2007, respectively. The decline in goodwill is due to foreign currency translation effects. Goodwill is not amortized but tested for impairment at the reporting unit level on an annual basis, and between annual tests whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value.

Critical Estimate – Goodwill

A discounted cash flow model is used to estimate the fair value of a reporting unit. This model requires the use of long-term planning estimates and assumptions regarding industry-specific economic conditions that are outside the control of the Company. The annual test for impairment includes the selection of an appropriate discount rate to value cash flow information. The basis of this discount rate calculation is derived from several internal and external factors. These factors include, but are not limited to, the average market price of the Company's stock, the number of shares of stock outstanding, the book value of the Company's debt, a long-term risk-free interest rate, and both market and size-specific risk premiums. Additionally, assessments of future cash flows would consider, but not be limited to the following: infrastructure plant maintenance requirements; global metals production and capacity utilization; global railway track maintenance-of-way capital spending; and other drivers of the Company's businesses. Changes in the overall interest rate environment may also impact the fair market value of the Company's reporting units as this would directly influence the discount rate utilized for discounting operating cash flows, and ultimately determining a reporting unit's fair value. The Company's overall market capitalization is also a factor in evaluating the fair market values of the Company's reporting units. While the Company's stock price has declined approximately 57% during 2008, the Company's market capitalization continues to exceed its book value as of December 31, 2008. As a result of this and other factors, the Company concluded that an interim impairment test was not required subsequent to its annual test performed as of October 1, 2008. Further significant declines in the overall market capitalization of the Company could lead to the determination that the book value of one or more of the Company's reporting units exceeds their fair value. The Company's annual goodwill impairment testing, performed as of October 1, 2008 and 2007, indicated that the fair value of all reporting units tested exceeded their respective book values and therefore no additional goodwill impairment testing was required.

The Company's customers may be impacted adversely by the current tightening of credit in financial markets, which may result in postponed spending and cancellation or delay of existing and future orders with the Company. Continued economic decline could further impact the ability of the Company's customers to meet their obligations to the Company and possibly result in bankruptcy filings by them. This, in turn, could negatively impact the forecasts used in performing the Company's goodwill impairment testing. If management determines that goodwill is impaired, the Company will be required to record a write-down in the period of determination, which will reduce net income for that period. Therefore, there can be no assurance that future goodwill impairment tests will not result in a charge to earnings.

The Company has not materially changed its methodology for goodwill impairment testing for the years presented.

See Note 5, Goodwill and Other Intangible Assets, to the Consolidated Financial Statements for additional information on goodwill and other intangible assets.

Asset Impairment

Long-lived assets are reviewed for impairment when events and circumstances indicate that the book value of an asset may be impaired. The amounts charged against pre-tax continuing operations income related to impaired long-lived assets were \$12.6 million, \$0.9 million and \$0.2 million in 2008, 2007 and 2006, respectively.

Critical Estimate – Asset Impairment

The determination of a long-lived asset impairment loss involves significant judgments based upon short-term and long-term projections of future asset performance. If the undiscounted cash flows associated with an asset do not exceed the book value, impairment loss estimates would be based upon the difference between the book value and the fair value of the asset. The fair value is generally based upon the Company's estimate of the amount that the assets could be bought or sold for in a current transaction between willing parties. If quoted market prices for the asset or similar assets are unavailable, the fair value estimate is generally calculated using a discounted cash flow model. Should circumstances change that affect these estimates, additional impairment charges may be required and would be recorded through income in the period the change was determined.

The Company has not materially changed its methodology for calculating asset impairments for the years presented. SFAS 157 will affect the methodology of assessments after its January 1, 2009 effective date, by requiring consideration of all valuation techniques for which market participant inputs can be obtained without undue cost and effort. The use of discounted cash flows may be appropriate; however, methodologies other than quoted market prices must also be considered.

Inventories

Inventories are stated at the lower of cost or market. Inventory balances are adjusted for estimated obsolete or unmarketable inventory equal to the difference between the cost of inventory and its estimated market value. At December 31, 2008 and 2007, inventories of \$309.5 million and \$310.9 million, respectively, are net of lower of cost or market reserves and obsolescence reserves of \$15.7 million and \$13.9 million, respectively.

Critical Estimate – Inventories

In assessing the ultimate realization of inventory balance amounts, the Company is required to make judgments as to future demand requirements and compare these with the current or committed inventory

levels. If actual market conditions are determined to be less favorable than those projected by management, additional inventory write-downs may be required and would be recorded through income in the period the determination is made. Additionally, the Company records reserves to adjust a substantial portion of its U.S. inventory balances to the last-in, first-out ("LIFO") method of inventory valuation. In adjusting these reserves throughout the year, the Company estimates its year-end inventory costs and quantities. At December 31 of each year, the reserves are adjusted to reflect actual year-end inventory costs and quantities. During periods of inflation, the LIFO expense usually increases and during periods of deflation it decreases. These year-end adjustments resulted in pre-tax income (expense) of \$1.1 million, \$1.4 million and \$(2.3) million in 2008, 2007 and 2006, respectively.

The Company has not materially changed its methodology for calculating inventory reserves for the years presented.

See Note 3, Accounts Receivable and Inventories, to the Consolidated Financial Statements for additional disclosures related to these items.

Insurance Reserves

The Company retains a significant portion of the risk for property, workers' compensation, U.K. employers' liability, automobile, general and product liability losses. At December 31, 2008 and 2007, the Company has recorded liabilities of \$97.2 million and \$112.0 million, respectively, related to both asserted as well as unasserted insurance claims. At December 31, 2008 and 2007, \$17.8 million and \$25.9 million, respectively, is included in insurance liabilities related to claims covered by insurance carriers for which a corresponding receivable has been recorded.

Critical Estimate – Insurance Reserves

Reserves have been recorded based upon actuarial calculations which reflect the undiscounted estimated liabilities for ultimate losses including claims incurred but not reported. Inherent in these estimates are assumptions which are based on the Company's history of claims and losses, a detailed analysis of existing claims with respect to potential value, and current legal and legislative trends. If actual claims differ from those projected by management, changes (either increases or decreases) to insurance reserves may be required and would be recorded through income in the period the change was determined. During 2008, 2007 and 2006, the Company recorded a retrospective insurance reserve adjustment that decreased pre-tax insurance expense from continuing operations for self-insured programs by \$1.8 million, \$1.2 million and \$1.3 million, respectively. The Company has programs in place to improve claims experience, such as aggressive claim and insured litigation management and a focused approach to workplace safety.

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The Company has not materially changed its methodology for calculating insurance reserves for the years presented. There are currently no known trends, demands, commitments, events or uncertainties that are reasonably likely to occur that would materially affect the methodology or assumptions described above.

Legal and Other Contingencies

Reserves for contingent liabilities are recorded when it is probable that an asset has been impaired or a liability has been incurred and the loss can be reasonably estimated. Adjustments to estimated amounts are recorded as necessary based on new information or the occurrence of new events or the resolution of an uncertainty. Such adjustments are recorded in the period that the required change is identified.

Critical Estimate – Legal and Other Contingencies

On a quarterly basis, recorded contingent liabilities are analyzed to determine if any adjustments are required. Additionally, functional department heads within each business unit are consulted monthly to ensure all issues with a potential financial accounting impact, including possible reserves for contingent liabilities have been properly identified, addressed or disposed of. Specific issues are discussed with Corporate Management and any significant changes in reserve amounts or the adjustment or write-off of previously recorded balances must be approved by a specifically designated Corporate Officer. If necessary, outside legal counsel, other third parties or internal experts are consulted to assess the likelihood and range of outcomes for a particular issue. All approved changes in reserve amounts are monitored to ensure they are recorded in the proper period. Additionally, any significant changes in reported business unit reserve balances are reviewed to ensure the proper Corporate approval has occurred. On a quarterly basis, the Company's business units submit a reserve listing to the Corporate headquarters which is reviewed in detail. All significant reserve balances are discussed with a designated Corporate Officer to assess their validity, accuracy and completeness. Anticipated changes in reserves are identified for follow-up prior to the end of a reporting period. Any new issues that may require a reserve are also identified and discussed to ensure proper disposition. Additionally, on a quarterly basis, all significant environmental reserve balances or issues are evaluated to assess their validity, accuracy and completeness.

The Company has not materially changed its methodology for calculating legal and other contingencies for the years presented. There are currently no known trends, demands, commitments, events or uncertainties that are reasonably likely to occur that would materially affect the methodology or assumptions described above.

See Note 10, Commitments and Contingencies, to the Consolidated Financial Statements for additional disclosure on this uncertainty and other contingencies.

Income Taxes

The Company is subject to various federal, state and local income taxes in the taxing jurisdictions where the Company operates. At the end of each quarterly period, the Company makes its best estimate of the annual effective income tax rate and applies that rate to year-to-date income before income taxes and minority interest to arrive at the year-to-date income tax provision. As of December 31, 2008, 2007 and 2006, the Company's net effective income tax rate on income from continuing operations was 26.7%, 30.7% and 32.5%, respectively.

Critical Estimate – Income Taxes

The annual effective income tax rates are developed giving recognition to tax rates, tax holidays, tax credits and capital losses, as well as certain exempt income and non-deductible expenses in all of the jurisdictions where the Company does business. The income tax provision for the quarterly period is the change in the year-to-date provision from the previous quarterly period. The Company has not materially changed its methodology for calculating income tax expense for the years presented.

The Company records deferred tax assets to the extent the Company believes these assets will more-likely-than-not be realized. In making such determinations, the Company considers all available positive and negative evidence, including future reversals of existing temporary differences, projected future taxable income, tax planning strategies and recent financial operating results. In the event the Company were to determine that it would be able to realize deferred income tax assets in the future in excess of their net recorded amount, an adjustment to the valuation allowance would be made which would reduce the provision for income taxes. The valuation allowance was \$21.5 million and \$15.3 million as of December 31, 2008 and 2007, respectively. The valuation allowance is principally for state and international tax net operating loss carryforwards.

FASB Interpretation ("FIN") 48, "Accounting for Uncertainty in Income Taxes – an interpretation of FASB Statement No. 109" ("FIN 48") provides that a tax benefit from an uncertain position may be recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on technical merits. Income tax positions must meet a more-likely-than-not recognition threshold at the effective date to be recognized upon the adoption of FIN 48 and in subsequent

periods. This interpretation also provides guidance on measurement, derecognition, classification, interest and penalties, accounting for interim periods, disclosure and transition. The Company adopted FIN 48 effective January 1, 2007. The unrecognized tax benefits that would impact the effective income tax rate at December 31, 2008 are approximately \$31 million including interest and penalties.

See Note 9, Income Taxes, to the Consolidated Financial Statements for additional disclosures related to these items.

Research and Development

The Company invested \$5.3 million, \$3.2 million and \$2.8 million in internal research and development programs in 2008, 2007 and 2006, respectively. Internal funding for research and development was as follows:

(In millions)	Research and Development Expense		
	2008	2007	2006
Harsco Infrastructure Segment	\$2.0	\$0.7	\$0.7
Harsco Metals Segment	1.6	1.3	1.1
Segment Totals	3.6	2.0	1.8
All Other Category – Harsco Minerals & Rail	1.7	1.2	1.0
Consolidated Totals	\$5.3	\$3.2	\$2.8

New Financial Accounting Standards Issued

See Note 1, Summary of Significant Accounting Policies, to the Consolidated Financial Statements for disclosures on new financial accounting standards issued and their effect on the Company.

Backlog

As of December 31, 2008, the Company's order backlog, exclusive of long-term metals industry services contracts, infrastructure-related services, roofing granules and industrial abrasives products, and minerals and metal recovery technologies services, was \$639.7 million compared with \$448.1 million as of December 31, 2007, a 43% increase. Of the order backlog at December 31, 2008, approximately \$298.4 million or 47% is not expected to be filled in 2009. This backlog is expected to be filled in 2010.

The increase in order backlog is principally due to increased order backlog for railway track maintenance equipment as a result of orders from the Chinese Ministry of Railways, along with increased order backlog of air-cooled heat exchangers due to stable demand in the natural gas compression market. These were partially offset by

decreased order backlog for railway track maintenance services and industrial grating products.

Long-term metals industry services contracts have an estimated future value of \$4.1 billion at December 31, 2008 compared with \$5.0 billion at December 31, 2007. The decline is primarily attributable to foreign currency translation effects. Approximately 65% of these revenues are expected to be recognized by December 31, 2011. The majority of the remaining revenues are expected to be recognized between January 1, 2012 and December 31, 2017.

Order backlog for infrastructure-related services, such as highly engineered scaffolding, shoring and forming services of the Harsco Infrastructure Segment, is excluded from the above, as these amounts are generally not quantifiable due to short order lead times for certain services, the nature and timing of the products and services provided, and equipment rentals with the ultimate length of the rental period often unknown. Order backlog for roofing granules and industrial abrasives products, and for minerals and recycling technologies services, is also not included in the total backlog amount above because it is generally not quantifiable due to short order lead times of the products and services provided. The minerals and recycling technology business does enter into contracts for some of its services. These contracts have estimated future revenues of \$91.6 million as of December 31, 2008 of which 85% is expected to be filled by December 31, 2011.

Dividend Action

The Company has paid dividends each year since 1939. Four quarterly cash dividends of \$0.195 were paid in 2008, for an annual rate of \$0.78, or an increase of 9.9% from 2007. In 2008, 27.2% of net earnings were paid out in dividends. There are no significant restrictions on the payment of dividends.

The Company is philosophically committed to maintaining or increasing the dividend at a sustainable level. The Board normally reviews the dividend rate periodically during the year and annually at its November meeting. At its November 2008 meeting, the Board of Directors declared the Company's 235th consecutive quarterly dividend, payable in February 2009, at \$0.195 per share.

In December 2008, the Board increased the dividend rate to \$0.20 per share to become effective with the next scheduled quarterly dividend declaration in early 2009. The December 2008 action increased the dividend rate by 2.6% to \$0.80 per share on an annualized basis, and represented the Company's 15th consecutive year of dividend increases.

Management's Report on Internal Control Over Financial Reporting

Management of Harsco Corporation, together with its consolidated subsidiaries (the Company), is responsible for establishing and maintaining adequate internal control over financial reporting. The Company's internal control over financial reporting is a process designed under the supervision of the Company's principal executive and principal financial officers to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the Company's financial statements for external reporting purposes in accordance with U.S. generally accepted accounting principles.

The Company's internal control over financial reporting includes policies and procedures that:

- Pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets of the Company;
- Provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and the directors of the Company; and
- Provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the Company's financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies and procedures may deteriorate.

Management has assessed the effectiveness of its internal control over financial reporting as of December 31, 2008 based on the framework established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this assessment, management has determined that the Company's internal control over financial reporting is effective as of December 31, 2008.

The effectiveness of the Company's internal control over financial reporting as of December 31, 2008 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report appearing in the Company's Annual Report on Form 10-K, which expresses an unqualified opinion on the effectiveness of the Company's internal control over financial reporting as of December 31, 2008.



Salvatore D. Fazzolari
Chairman and Chief Executive Officer
February 24, 2009



Stephen J. Schnoor
Senior Vice President and Chief Financial Officer
February 24, 2009

Report of Independent Registered Public Accounting Firm

To the Stockholders of Harsco Corporation:

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, cash flows, stockholders' equity and comprehensive income present fairly, in all material respects, the financial position of Harsco Corporation and its subsidiaries at December 31, 2008 and 2007, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2008 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2008, based on criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express opinions on these financial statements and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of

internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.



PricewaterhouseCoopers LLP

Philadelphia, Pennsylvania

February 24, 2009

Consolidated Balance Sheets

(In thousands, except share and per share amounts)

	December 31, 2008	December 31, 2007
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 91,336	\$ 121,833
Trade accounts receivable, net	648,880	779,619
Other receivables, net	46,032	44,475
Inventories	309,530	310,931
Other current assets	104,430	88,016
Assets held-for-sale	5,280	463
Total current assets	1,205,488	1,345,337
Property, plant and equipment, net	1,482,833	1,535,214
Goodwill, net	631,490	720,069
Intangible assets, net	141,493	188,864
Other assets	101,666	115,946
Total assets	\$3,562,970	\$3,905,430
LIABILITIES		
Current liabilities:		
Short-term borrowings	\$ 117,854	\$ 60,323
Current maturities of long-term debt	3,212	8,384
Accounts payable	262,783	307,814
Accrued compensation	85,237	108,871
Income taxes payable	13,395	41,300
Dividends payable	15,637	16,444
Insurance liabilities	36,553	44,823
Advances on contracts	144,237	52,763
Other current liabilities	209,518	233,248
Total current liabilities	888,426	873,970
Long-term debt	891,817	1,012,087
Deferred income taxes	35,442	174,423
Insurance liabilities	60,663	67,182
Retirement plan liabilities	190,153	120,536
Other liabilities	82,793	91,113
Total liabilities	2,149,294	2,339,311
COMMITMENTS AND CONTINGENCIES		
STOCKHOLDERS' EQUITY		
Preferred stock, Series A junior participating cumulative preferred stock	—	—
Common stock, par value \$1.25, issued 111,139,988 and 110,932,619 shares as of December 31, 2008 and 2007, respectively	138,925	138,665
Additional paid-in capital	137,083	128,622
Accumulated other comprehensive loss	(208,299)	(2,501)
Retained earnings	2,079,170	1,904,502
Treasury stock, at cost (30,965,452 and 26,472,753, respectively)	(733,203)	(603,169)
Total stockholders' equity	1,413,676	1,566,119
Total liabilities and stockholders' equity	\$3,562,970	\$3,905,430

See accompanying notes to consolidated financial statements.

Consolidated Statements of Income

(In thousands, except per share amounts)

Years ended December 31	2008	2007	2006 ^(a)
Revenues from continuing operations:			
Service revenues	\$3,340,456	\$3,166,561	\$2,538,068
Product revenues	627,366	521,599	487,545
Total revenues	3,967,822	3,688,160	3,025,613
Costs and expenses from continuing operations:			
Costs of services sold	2,484,975	2,316,904	1,851,230
Cost of products sold	441,445	368,600	351,962
Selling, general and administrative expenses	602,169	538,233	472,790
Research and development expenses	5,295	3,175	2,846
Other expenses	21,950	3,443	2,476
Total costs and expenses	3,555,834	3,230,355	2,681,304
Operating income from continuing operations	411,988	457,805	344,309
Equity in income of unconsolidated entities, net	901	1,049	192
Interest income	3,608	4,968	3,582
Interest expense	(73,160)	(81,383)	(60,479)
Income from continuing operations before income taxes and minority interest	343,337	382,439	287,604
Income tax expense	(91,820)	(117,598)	(93,354)
Income from continuing operations before minority interest	251,517	264,841	194,250
Minority interest in net income	(5,894)	(9,726)	(7,848)
Income from continuing operations	245,623	255,115	186,402
Discontinued operations:			
Income from operations of discontinued business	–	26,897	14,070
Gain (loss) on disposal of discontinued business	(1,747)	41,414	28
Income tax expense related to discontinued business	(2,931)	(23,934)	(4,102)
Income (loss) from discontinued operations	(4,678)	44,377	9,996
Net income	\$ 240,945	\$ 299,492	\$ 196,398
Average shares of common stock outstanding	83,599	84,169	83,905
Basic earnings per common share:			
Continuing operations	\$ 2.94	\$ 3.03	\$ 2.22
Discontinued operations	(0.06)	0.53	0.12
Basic earnings per common share	\$ 2.88	\$ 3.56	\$ 2.34
Diluted average shares of common stock outstanding	84,029	84,724	84,430
Diluted earnings per common share:			
Continuing operations	\$ 2.92	\$ 3.01	\$ 2.21
Discontinued operations	(0.06)	0.52	0.12
Diluted earnings per common share	\$ 2.87 ^(b)	\$ 3.53	\$ 2.33

(a) Income statement information reclassified to reflect the Gas Technologies Segment as Discontinued Operations.

(b) Does not total due to rounding.

See accompanying notes to consolidated financial statements.

Consolidated Statements of Cash Flows

(In thousands)

Years ended December 31

	2008	2007	2006
Cash flows from operating activities:			
Net income	\$ 240,945	\$ 299,492	\$ 196,398
Adjustments to reconcile net income to net cash provided (used) by operating activities:			
Depreciation	307,847	277,397	245,397
Amortization	30,102	29,016	7,585
Equity in income of unconsolidated entities, net	(901)	(1,049)	(188)
Dividends or distributions from affiliates	484	181	—
(Gain) loss on disposal of discontinued business	1,747	(41,414)	(28)
Other, net	67,138	(662)	8,036
Changes in assets and liabilities, net of acquisitions and dispositions of businesses:			
Accounts receivable	34,198	(60,721)	(27,261)
Inventories	(24,238)	(106,495)	(20,347)
Accounts payable	(22,144)	18,268	13,017
Accrued interest payable	3,841	(1,291)	497
Accrued compensation	(15,843)	8,516	11,846
Income taxes	(76,346)	2,971	15,722
Advances on contracts	92,580	46,159	(1,160)
Other assets and liabilities	(65,134)	1,372	(40,275)
Net cash provided by operating activities	574,276	471,740	409,239
Cash flows from investing activities:			
Purchases of property, plant and equipment	(457,617)	(443,583)	(340,173)
Purchase of businesses, net of cash acquired*	(15,539)	(254,639)	(34,333)
Proceeds from sales of assets	24,516	317,189	17,650
Other investing activities	5,222	(5,092)	(2,599)
Net cash used by investing activities	(443,418)	(386,125)	(359,455)
Cash flows from financing activities:			
Short-term borrowings, net	65,239	(137,645)	73,050
Current maturities and long-term debt:			
Additions	975,393	1,023,282	315,010
Reductions	(996,173)	(908,295)	(423,769)
Cash dividends paid on common stock	(65,632)	(59,725)	(54,516)
Common stock issued-options	1,831	11,765	11,574
Common stock acquired for treasury	(128,577)	—	—
Other financing activities	(7,620)	(7,069)	(5,545)
Net cash used by financing activities	(155,539)	(77,687)	(84,196)
Effect of exchange rate changes on cash	(5,816)	12,645	14,743
Net increase (decrease) in cash and cash equivalents	(30,497)	20,573	(19,669)
Cash and cash equivalents at beginning of period	121,833	101,260	120,929
Cash and cash equivalents at end of period	\$ 91,336	\$ 121,833	\$ 101,260
*Purchase of businesses, net of cash acquired			
Working capital, other than cash	\$ (263)	\$ (17,574)	\$ (2,547)
Property, plant and equipment	(11,961)	(45,398)	(15,106)
Other noncurrent assets and liabilities, net	(3,315)	(191,667)	(16,680)
Net cash used to acquire businesses	\$ (15,539)	\$ (254,639)	\$ (34,333)

See accompanying notes to consolidated financial statements.

Consolidated Statements of Stockholders' Equity

(In thousands, except share and per share amounts)	Common Stock		Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Unearned Stock-Based Compensation	Total
	Issued	Treasury					
Balances, January 1, 2006	\$ 85,322	\$(603,225)	\$154,017	\$1,526,216	\$(167,318)	\$(1,118)	\$ 993,894
Net income				196,398			196,398
Adoption of SFAS 123(R)			(1,118)			1,118	—
Cash dividends declared, \$1.33 per share				(55,853)			(55,853)
Translation adjustments, net of deferred income taxes of \$(5,643)					91,578		91,578
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(72)					134		134
Pension liability adjustments, net of deferred income taxes of \$1,307					(5,523)		(5,523)
Adoption of SFAS 158, net of deferred income taxes of \$40,313					(88,207)		(88,207)
Marketable securities unrealized gains, net of deferred income taxes of \$1					2		2
Stock options exercised, 234,419 shares	292	19	11,659				11,970
Other, 1,085 shares, and 50,700 restricted stock units (net of forfeitures)		35	(3)				32
Amortization of unearned compensation on restricted stock units			1,939				1,939
Balances, December 31, 2006	\$ 85,614	\$(603,171)	\$166,494	\$1,666,761	\$(169,334)	\$ —	\$1,146,364
Cumulative effect from adoption of FIN 48				(499)			(499)
Beginning Balances, January 1, 2007	\$ 85,614	\$(603,171)	\$166,494	\$1,666,262	\$(169,334)	\$ —	\$1,145,865
Net income				299,492			299,492
2-for-1 stock split, 42,029,232 shares	52,536		(52,536)				—
Cash dividends declared, \$0.71 per share				(61,252)			(61,252)
Translation adjustments, net of deferred income taxes of \$(4,380)					110,451		110,451
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(64)					119		119
Pension liability adjustments, net of deferred income taxes of \$(24,520)					56,257		56,257
Marketable securities unrealized gains, net of deferred income taxes of \$(3)					6		6
Stock options exercised, 411,864 shares	515		11,224				11,739
Other, 90 shares, and 82,700 restricted stock units (net of forfeitures)		2	26				28
Amortization of unearned compensation on restricted stock units			3,414				3,414
Balances, December 31, 2007	\$138,665	\$(603,169)	\$128,622	\$1,904,502	\$ (2,501)	\$ —	\$1,566,119
Cumulative effect from adoption of SFAS 158 measurement date provision, net of deferred income taxes of \$(413)				(1,453)	2,372		919
Beginning Balances, January 1, 2008	\$138,665	\$(603,169)	\$128,622	\$1,903,049	\$ (129)	\$ —	\$1,567,038
Net income				240,945			240,945
Cash dividends declared, \$0.78 per share				(64,824)			(64,824)
Translation adjustments, net of deferred income taxes of \$85,526					(154,572)		(154,572)
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(7,655)					20,812		20,812
Pension liability adjustments, net of deferred income taxes of \$29,057					(74,340)		(74,340)
Marketable securities unrealized gains, net of deferred income taxes of \$38					(70)		(70)
Stock options exercised, 121,176 shares	152		3,336				3,488
Net issuance of stock – vesting of restricted stock units, 56,847 shares	108	(1,457)	(108)				(1,457)
Treasury shares repurchased, 4,463,353 shares		(128,577)					(128,577)
Amortization of unearned compensation on restricted stock units, net of forfeitures			5,233				5,233
Balances, December 31, 2008	\$138,925	\$(733,203)	\$137,083	\$2,079,170	\$(208,299)	\$ —	\$1,413,676

See accompanying notes to consolidated financial statements.

Consolidated Statements of Comprehensive Income

(In thousands)

Years ended December 31	2008	2007	2006
Net income	\$ 240,945	\$299,492	\$196,398
Other comprehensive income (loss):			
Foreign currency translation adjustments	(154,572)	110,451	91,578
Net gains (losses) on cash flow hedging instruments, net of deferred income taxes of \$(7,681), \$2 and \$(40) in 2008, 2007 and 2006, respectively	20,859	(3)	75
Reclassification adjustment for (gain) loss on cash flow hedging instruments, net of deferred income taxes of \$26, \$(66) and \$(32) in 2008, 2007 and 2006, respectively	(47)	122	59
Pension liability adjustments, net of deferred income taxes of \$29,057, \$(24,520) and \$1,307 in 2008, 2007 and 2006, respectively	(74,340)	56,257	(5,523)
Unrealized gain (loss) on marketable securities, net of deferred income taxes of \$38, \$(3) and \$(1) in 2008, 2007 and 2006, respectively	(70)	6	2
Other comprehensive income (loss)	(208,170)	166,833	86,191
Total comprehensive income	\$ 32,775	\$466,325	\$282,589

See accompanying notes to consolidated financial statements.

Notes to Consolidated Financial Statements

1 Summary of Significant Accounting Policies

Consolidation

The consolidated financial statements include the accounts of Harsco Corporation and its majority-owned subsidiaries (the "Company"). Additionally, the Company consolidates four entities in which it has an equity interest of 49% to 50% and exercises management control. These four entities had combined revenues of approximately \$172.3 million, \$117.0 million and \$85.6 million, or 4.3%, 3.2% and 2.8% of the Company's total revenues for the years ended 2008, 2007 and 2006, respectively. Investments in unconsolidated entities (all of which are 40-50% owned) are accounted for under the equity method. The Company does not have any off-balance sheet arrangements with unconsolidated special-purpose entities.

Reclassifications

Certain reclassifications have been made to prior years' amounts to conform with current year classifications. These reclassifications relate principally to the Gas Technologies Segment that is currently classified as Discontinued Operations in accordance with SFAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets" ("SFAS 144") as discussed in Note 2, "Acquisitions and Dispositions." Additionally, all historical share and per share data have been restated to reflect the two-for-one stock split that was effective at the close of business on March 26, 2007. As a result of these reclassifications, certain prior amounts presented for comparative purposes will not individually agree with previously filed Forms 10-K or 10-Q.

Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, demand deposits and short-term investments which are highly liquid in nature and have an original maturity of three months or less.

Inventories

Inventories are stated at the lower of cost or market. Inventories in the United States are principally accounted for using principally the last-in, first-out ("LIFO") method. Other inventories are accounted for using the first-in, first-out ("FIFO") or average cost methods.

Depreciation

Property, plant and equipment is recorded at cost and depreciated over the estimated useful lives of the assets using principally the straight-line method. When property is retired from service, the cost of the retirement is charged to the allowance for depreciation to the extent of the accumulated depreciation and the balance is charged to income. Long-lived assets to be disposed of by sale are not depreciated while they are held for sale.

Leases

The Company leases certain property and equipment under noncancelable lease agreements. All lease agreements are evaluated and classified as either an operating lease or capital lease. A lease is classified as a capital lease if any of the following criteria are met: transfer of ownership to the Company by the end of the lease term; the lease contains a bargain purchase option; the lease term is equal to or greater than 75% of the asset's economic life; or the present value of future minimum lease payments is equal to or greater than 90% of the asset's fair market value. Operating lease expense is recognized ratably over the entire lease term, including rent abatement periods and rent holidays.

Goodwill and Other Intangible Assets

Goodwill is not amortized but tested for impairment at the reporting unit level. SFAS No. 142, "Goodwill and Other Intangible Assets," ("SFAS 142") defines a reporting unit as an operating segment or one level below an operating segment (referred to as a component). A component of an operating segment is a reporting unit if the component constitutes a business for which discrete financial information is available and segment management regularly reviews the operating results of that component. Accordingly, the Company performs the goodwill impairment test at the operating segment level for the Harsco Metals Segment and the All Other Category (Harsco Minerals & Rail) and at the component level for the Harsco Infrastructure Segment. The goodwill impairment tests are performed on an annual basis as of October 1 and between annual tests whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value. A discounted cash flow model is used to estimate the fair value of a reporting unit. This model requires the use of long-term planning forecasts and assumptions regarding industry-specific economic conditions that are outside the control of the Company. See Note 5, "Goodwill and Other Intangible Assets," for additional information on intangible assets and goodwill impairment testing. Finite-lived intangible assets are amortized over their estimated useful lives.

Impairment of Long-Lived Assets (Other than Goodwill)

Long-lived assets are reviewed for impairment when events and circumstances indicate that the carrying amount of an asset may not be recoverable. The Company's policy is to record an impairment loss when it is determined that the carrying amount of the asset exceeds the sum of the expected undiscounted future cash flows resulting from use of the asset and its eventual disposition. Impairment losses are measured as the amount by which the carrying amount of the asset exceeds its fair value. Long-lived assets to be disposed of are reported at the lower of the carrying amount or fair value less cost to sell.

Notes to Consolidated Financial Statements

Revenue Recognition

Product revenues and service revenues are recognized when they are realized or realizable and when earned. Revenue is realized or realizable and earned when all of the following criteria are met: persuasive evidence of an arrangement exists, delivery has occurred or services have been rendered, the Company's price to the buyer is fixed or determinable and collectibility is reasonably assured. Service revenues include the Harsco Metals and Harsco Infrastructure Segments as well as service revenues of the All Other Category (Harsco Minerals & Rail). Product revenues include the manufacturing businesses of the All Other Category (Harsco Minerals & Rail).

Harsco Infrastructure Segment— This Segment rents equipment under month-to-month rental contracts, provides services under both fixed-fee and time-and-materials short-term contracts and, to a lesser extent, sells products to customers. Equipment rentals are recognized as earned over the contractual rental period. Services provided on a fixed-fee basis are recognized over the contractual period based upon the completion of specific units of accounting (i.e., erection and dismantling of equipment). Services provided on a time-and-materials basis are recognized when earned as services are performed. Product sales revenue is recognized when title and risk of loss transfer, and when all of the revenue recognition criteria have been met.

Harsco Metals Segment— This Segment provides services predominantly on a long-term, volume-of-production contract basis. Contracts may include both fixed monthly fees as well as variable fees based upon specific services provided to the customer. The fixed-fee portion is recognized periodically as earned (normally monthly) over the contractual period. The variable-fee portion is recognized as services are performed and differs from period-to-period based upon the actual provision of services.

All Other Category (Harsco Minerals & Rail)— This category includes the Harsco Rail, Excell Minerals, Reed Minerals, IKG Industries, Patterson-Kelley, and Air-X-Changers operating segments. These operating segments principally sell products. Harsco Rail Division and the Excell Minerals Division sell products and provide services. Product sales revenue for each of these operating segments is recognized generally when title and risk of loss transfer, and when all of the revenue recognition criteria have been met. Title and risk of loss for domestic shipments generally transfers to the customer at the point of shipment. For export sales, title and risk of loss transfer in accordance with the international commercial terms included in the specific customer contract. Revenue

may be recognized subsequent to the transfer of title and risk of loss for certain product sales of Harsco Rail if the specific sales contract includes a customer acceptance clause which provides for different timing. In those situations revenue is recognized after transfer of title and risk of loss and after customer acceptance. Harsco Rail also provides services predominantly on a long-term, time-and-materials contract basis. Revenue is recognized when earned as services are performed. The Excell Minerals Division also provides services predominantly on a long-term, volume-of-production contract basis. Contracts may include both fixed monthly fees as well as variable fees based upon specific services provided to the customer. The fixed-fee portion is recognized periodically as earned (normally monthly) over the contractual period. The variable-fee portion is recognized as services are performed and differs from period-to-period based upon the actual provision of services.

Income Taxes

The Company accounts for income taxes under the asset and liability method, which requires the recognition of deferred tax assets and liabilities for the expected future tax consequences of the events that have been included in the consolidated financial statements. Under this method, deferred tax assets and liabilities are determined based on the differences between the financial statements and tax bases of assets and liabilities using enacted tax rates in effect for the year in which the differences are expected to reverse. The effect of a change in tax rates on deferred tax assets and liabilities is recognized in income in the period that includes the enactment date.

The Company records deferred tax assets to the extent the Company believes these assets will more-likely-than-not be realized. In making such determinations, the Company considers all available positive and negative evidence, including future reversals of existing temporary differences, projected future taxable income, tax planning strategies and recent financial operations. In the event the Company were to determine that it would be able to realize deferred income tax assets in the future in excess of their net recorded amount, an adjustment to the valuation allowance would be made which would reduce the provision for income taxes.

FASB Interpretation ("FIN") 48, "Accounting for Uncertainty in Income Taxes — an interpretation of FASB Statement No. 109" ("FIN 48") provides that a tax benefit from an uncertain position may be recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on technical merits. Income tax positions must meet a more-likely-than-not recognition threshold at the effective date to be recognized upon the adoption of FIN 48 and in subsequent

periods. This interpretation also provides guidance on measurement, derecognition, classification, interest and penalties, accounting for interim periods, disclosure and transition. The Company adopted FIN 48 effective January 1, 2007.

The Company recognizes interest and penalties related to unrecognized tax benefits within Income tax expense in the accompanying Consolidated Statements of Income. Accrued interest and penalties are included in Other liabilities in the Consolidated Balance Sheets.

In general, it is the practice and intention of the Company to reinvest the undistributed earnings of its non-U.S. subsidiaries. Should the Company repatriate undistributed earnings, such amounts become subject to U.S. taxation giving recognition to current tax expense and foreign tax credits upon remittance of dividends and under certain other circumstances.

Accrued Insurance and Loss Reserves

The Company retains a significant portion of the risk for workers' compensation, U.K. employers' liability, automobile, general and product liability losses. During 2008, 2007 and 2006, the Company recorded insurance expense from continuing operations related to these lines of coverage of approximately \$43 million, \$37 million and \$34 million, respectively. Reserves have been recorded which reflect the undiscounted estimated liabilities including claims incurred but not reported. When a recognized liability is covered by third-party insurance, the Company records an insurance claim receivable to reflect the covered liability. Changes in the estimates of the reserves are included in net income in the period determined. During 2008, 2007 and 2006, the Company recorded retrospective insurance reserve adjustments that decreased pre-tax insurance expense from continuing operations for self-insured programs by \$1.8 million, \$1.2 million and \$1.3 million, respectively. At December 31, 2008 and 2007, the Company has recorded liabilities of \$97.2 million and \$112.0 million, respectively, related to both asserted as well as unasserted insurance claims. Included in the balance at December 31, 2008 and 2007 were \$17.8 million and \$25.9 million, respectively, of recognized liabilities covered by insurance carriers. Amounts estimated to be paid within one year have been classified as current Insurance liabilities, with the remainder included in non-current Insurance liabilities in the Consolidated Balance Sheets.

Warranties

The Company has recorded product warranty reserves of \$2.9 million, \$2.9 million and \$4.8 million as of December 31, 2008, 2007 and 2006, respectively. The Company provides for warranties of certain products as they are sold in accordance with SFAS No. 5, "Accounting for

Contingencies." The following table summarizes the warranty activity for the years ended December 31, 2008, 2007 and 2006:

Warranty Activity			
<i>(In thousands)</i>	2008	2007	2006
Balance at the beginning of the period	\$ 2,907	\$ 4,805	\$ 4,962
Accruals for warranties issued during the period	3,683	3,112	3,371
Reductions related to pre-existing warranties	(1,524)	(1,112)	(868)
Divestiture	—	(980)	—
Warranties paid	(2,157)	(2,810)	(2,731)
Other (principally foreign currency translation)	(46)	(108)	71
Balance at end of the period	\$ 2,863	\$ 2,907	\$ 4,805

Foreign Currency Translation

The financial statements of the Company's subsidiaries outside the United States, except for those subsidiaries located in highly inflationary economies and those entities for which the U.S. dollar is the currency of the primary economic environment in which the entity operates, are measured using the local currency as the functional currency. Assets and liabilities of these subsidiaries are translated at the exchange rates as of the balance sheet date. Resulting translation adjustments are recorded in the cumulative translation adjustment account, a separate component of Other comprehensive income (loss). Income and expense items are translated at average monthly exchange rates. Gains and losses from foreign currency transactions are included in net income. For subsidiaries operating in highly inflationary economies, and those entities for which the U.S. dollar is the currency of the primary economic environment in which the entity operates, gains and losses on foreign currency transactions and balance sheet translation adjustments are included in net income.

Financial Instruments and Hedging

The Company has operations throughout the world that are exposed to fluctuations in related foreign currencies in the normal course of business. The Company seeks to reduce exposure to foreign currency fluctuations through the use of forward exchange contracts. The Company does not hold or issue financial instruments for trading purposes, and it is the Company's policy to prohibit the use of derivatives for speculative purposes. The Company has a Foreign Currency Risk Management Committee that meets periodically to monitor foreign currency risks.

The Company executes foreign currency forward exchange contracts to hedge transactions for firm purchase commitments, to hedge variable cash flows of forecasted transactions and for export sales denominated in foreign currencies. These contracts are generally for

Notes to Consolidated Financial Statements

90 days or less; however, where appropriate longer-term contracts may be utilized. For those contracts that are designated as qualified cash flow hedges under SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities" ("SFAS 133"), gains or losses are recorded in Other comprehensive income (loss).

Amounts recorded in Other comprehensive income (loss) are reclassified into income in the same period or periods during which the hedged forecasted transaction affects income. The cash flows from these contracts are classified consistent with the cash flows from the transaction being hedged (e.g., the cash flows related to contracts to hedge the purchase of fixed assets are included in cash flows from investing activities, etc.). The Company also enters into certain forward exchange contracts not designated as hedges under SFAS 133. Gains and losses on these contracts are recognized in income based on fair market value. For fair value hedges of a firm commitment, the gain or loss on the derivative and the offsetting gain or loss on the hedged firm commitment are recognized currently in income.

Earnings Per Share

Basic earnings per share are calculated using the average shares of common stock outstanding, while diluted earnings per share reflect the dilutive effects of restricted stock units and the potential dilution that could occur if stock options were exercised. See Note 11, "Capital Stock," for additional information on earnings per share.

Use of Estimates in the Preparation of Financial Statements

The preparation of financial statements in conformity with generally accepted accounting principles in the United States ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses. Actual results could differ from those estimates.

New Financial Accounting Standards Issued

SFAS No. 157, "Fair Value Measurements" ("SFAS 157")

In September 2006, the Financial Accounting Standards Board ("FASB") issued SFAS 157 which formally defines fair value, creates a standardized framework for measuring fair value under GAAP, and expands fair value measurement disclosures. SFAS 157 was amended by FASB Staff Position ("FSP") No. 157-1, "Application of FASB Statement No. 157 to FASB Statement No. 13 and Other Accounting Pronouncements That Address Fair Value Measurements for Purposes of Lease Classification or Measurement under Statement 13" ("FSP SFAS 157-1") and FSP No. 157-2, "Effective Date of FASB Statement No. 157" ("FSP SFAS 157-2"). FSP SFAS 157-1 excludes SFAS No. 13, "Accounting for Leases," ("SFAS 13")

as well as other accounting pronouncements that address fair value measurements on lease classification or measurement under SFAS 13, from the scope of SFAS 157. FSP SFAS 157-2 delays the effective date of SFAS 157 for all nonrecurring fair value measurements of nonfinancial assets and nonfinancial liabilities until fiscal years beginning after November 15, 2008 (January 1, 2009 for the Company).

SFAS 157, as amended by FSP SFAS 157-2, was adopted by the Company as of January 1, 2008. The adoption of SFAS 157, as it relates to financial assets and financial liabilities, had no impact on the Company's financial position, results of operations or cash flows. The Company is still in the process of evaluating the impact that SFAS 157 will have on nonfinancial assets and liabilities not valued on a recurring basis (at least annually). The disclosure requirements of SFAS 157 are presented in Note 13, "Financial Instruments."

SFAS No. 160, "Noncontrolling Interests in Consolidated Financial Statements" ("SFAS 160")

In December 2007, the FASB issued SFAS 160, which amends ARB No. 51, "Consolidated Financial Statements." SFAS 160 requires, among other items, that a noncontrolling interest be included in the consolidated statement of financial position within equity separate from the parent's equity; consolidated net income be reported at amounts inclusive of both the parent's and noncontrolling interest's shares and, separately, the amounts of consolidated net income attributable to the parent and noncontrolling interest all on the Consolidated Statements of Income; if a subsidiary is deconsolidated, any retained noncontrolling equity investment in the former subsidiary be measured at fair value and a gain or loss be recognized in net income based on such fair value; and changes in a parent's ownership interest while the parent retains its controlling interest are accounted for as equity transactions. SFAS 160 became effective for the Company on January 1, 2009. Adoption of this statement had no material impact on the Company's consolidated financial position or results of operations when it became effective.

SFAS No. 141(R), "Business Combinations" ("SFAS 141(R)")

In December 2007, the FASB issued SFAS 141(R) which significantly modifies the accounting for business combinations. SFAS 141(R) requires the acquiring entity in a business combination to recognize and measure the assets acquired, the liabilities assumed, and any noncontrolling interest in the acquiree at the acquisition date, at their fair values as of that date, with limited exceptions. Liabilities related to contingent consideration are required to be recognized at acquisition and remeasured at fair value in each subsequent reporting period. Restructuring charges, and all pre-acquisition related costs (e.g., deal fees for attorneys, accountants and investment bankers), must be expensed in the period they are incurred. In addition, changes to

acquisition-related deferred tax assets and unrecognized tax benefits recorded under FIN 48 made subsequent to the measurement period will generally impact income tax expense in that period as opposed to being recorded to goodwill. SFAS 141(R) became effective for the Company's acquisitions that are completed on or after January 1, 2009. The impact of adopting SFAS 141(R) will depend on the nature, terms and size of business combinations that occur after the effective date. The Company expensed acquisition-related costs for any business combinations not concluded prior to the January 1, 2009 effective date in accordance with the transition guidance of SFAS 141(R).

SFAS No. 161, "Disclosures About Derivative Instruments and Hedging Activities – an amendment of FASB Statement No. 133" ("SFAS 161").

In March 2008, the FASB issued SFAS 161 which requires enhanced disclosures about the use of derivative instruments, the accounting for derivatives, and how derivatives impact financial statements to enable investors to better understand their effects on a company's financial position, financial performance and cash flows. These requirements include the disclosure of the fair values of derivative instruments and their gains and losses in a tabular format. SFAS 161 became effective for the Company on January 1, 2009. As SFAS 161 only requires enhanced disclosures, this standard will only impact notes to the consolidated financial statements.

FSP No. FAS 142-3 "Determination of the Useful Life of Intangible Assets" ("FSP FAS 142-3")

In April 2008, the FASB issued FSP FAS 142-3, which amends the factors that should be considered in developing renewal or extension assumptions used to determine the useful life of a recognized intangible asset under SFAS 142, in order to improve the consistency between the useful life of a recognized intangible asset under SFAS 142 and the period of expected cash flows used to measure the fair value of the asset under SFAS 141(R) and other GAAP. FSP FAS 142-3 is effective prospectively for intangible assets acquired or renewed after January 1, 2009. The effect of adopting FSP FAS 142-3 will depend on the nature of intangible assets acquired after the effective date.

FSP No. EITF 03-6-1, "Determining Whether Instruments Granted in Share-Based Payment Transactions Are Participating Securities," ("FSP EITF 03-6-1")

In June 2008, the FASB issued FSP EITF 03-6-1 which states that unvested share-based payment awards that contain nonforfeitable rights to dividends or dividend equivalents (whether paid or unpaid) are participating securities and shall be included in the computation of earnings per share pursuant to the two-class method. FSP EITF 03-6-1 became effective for the Company on January 1, 2009. The adoption of FSP EITF 03-6-1 had no impact on the consolidated financial statements.

2 Acquisitions and Dispositions

Acquisitions

In April 2008, the Company acquired Sovereign Access Services Limited ("Sovereign"), a United Kingdom-based provider of mastclimber work platform rental equipment. Sovereign recorded revenues of approximately \$7 million in 2007 and has been included in the Harsco Infrastructure Segment.

In March 2008, the Company acquired Romania-based Baviera S.R.L. ("Baviera"), a distributor of formwork and scaffolding products in Romania. Baviera recorded revenues of approximately \$3 million in 2007 and has been included in the Harsco Infrastructure Segment.

In February 2008, the Company acquired Northern Ireland-based Buckley Scaffolding ("Buckley"), a provider of scaffolding and erection and dismantling services to customers in the construction, industrial and events businesses. Buckley recorded revenues of approximately \$3 million in 2007 and has been included in the Harsco Infrastructure Segment.

In August 2007, the Company acquired Alexander Mill Services International ("AMSI"), a privately held company that provides services to some of the leading steel producers in Poland and Romania. AMSI also provides mill services on a smaller scale in Portugal. AMSI recorded 2006 revenues of approximately \$21 million and has been included in the Harsco Metals Segment.

In August 2007, the Company acquired ZETA-TECH Associates, Inc. ("ZETA-TECH"), a Cherry Hill, NJ-based niche technical services and applied technology company serving the railway industry with specialized expertise in railway engineering services and track maintenance software. ZETA-TECH produces a range of proprietary software tools that are used by railways to regularly monitor and evaluate the performance of their rail and track assets. ZETA-TECH recorded 2006 revenues of approximately \$4 million and has been included in the Company's Harsco Rail Group of the All Other Category (Harsco Minerals & Rail).

In April 2007, the Company acquired Performix Technologies, Ltd. ("Performix"), an Ohio-based company that is one of the United States' leading producers of specialty additives used by steelmakers in the ladle refining of molten steel. Performix operates from two plants in the United States and serves most of the major steelmakers in the upper Midwest and Canada. Performix recorded 2006 sales of approximately \$29 million and has been included in the Harsco Metals Segment.

In February 2007, the Company acquired Excell Materials, Inc. ("Excell"), a Pittsburgh-based multinational company, for approximately \$210 million, which excluded direct acquisition costs. Excell specializes in the reclamation and recycling of high-value content from principally steelmaking slag. Excell is also involved in the development of mineral-based products for commercial applications. Excell recorded 2006 sales

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in excess of \$100 million and maintains operations at nine locations in the United States, Canada, Brazil, South Africa and Germany. Goodwill recognized in this transaction (based on foreign exchange rates at the transaction date) was \$101.9 million, none of which is expected to be deductible for U.S. income tax purposes. Excell has been included in the All Other Category (Harsco Minerals & Rail) and has been renamed Excell Minerals to emphasize its long-term growth strategy.

Dispositions

Consistent with the Company's strategic focus to grow and allocate financial resources to its industrial services businesses, on December 7, 2007, the Company sold the Gas Technologies Segment to Wind Point Partners, a private equity investment firm with offices in Chicago, Illinois. The terms of the sale include a total purchase price of \$340 million, including \$300 million paid in cash at closing and \$40 million payable in the form of an earnout, contingent on the Gas Technologies group achieving certain performance targets in 2008 or 2009. The Company recorded a \$26.4 million after-tax gain on the sale in the fourth quarter of 2007. In 2008, the Company recorded a loss from discontinued operations of \$4.7 million. This comprised \$1.7 million of working capital adjustments and other costs associated with this disposition, coupled with the tax effect from the final purchase price allocation. The purchase price is not final at December 31, 2008 due to final working capital adjustments as provided in the purchase agreement, and the potential earnout. This business recorded revenues and operating income of \$384.9 million and \$26.9 million and \$397.7 million and \$14.2 million, respectively, for the years ended 2007 and 2006. The Consolidated Statements of Income for the years ended 2008, 2007 and 2006 reflect the Gas Technologies Segment's results in discontinued operations.

The major classes of assets and liabilities sold as part of this transaction were as follows:

<i>(In thousands)</i>	December 7, 2007
Assets	
Accounts receivable, net	\$ 61,444
Inventories	103,592
Other current assets	2,608
Property, plant and equipment, net	72,814
Goodwill, net	36,930
Other assets	2,617
Total assets sold	\$280,005
Liabilities	
Accounts payable	\$ 28,210
Accrued compensation	2,354
Income taxes payable	449
Other current liabilities	11,528
Retirement plan liabilities	959
Total liabilities sold	\$ 43,500

Assets Held for Sale

Throughout the past several years, management approved the sale of certain long-lived assets throughout the Company's operations. The net property, plant and equipment reflected as assets held-for-sale in the December 31, 2008 and 2007 Consolidated Balance Sheets were \$5.3 million and \$0.5 million, respectively.

3 Accounts Receivable and Inventories

At December 31, 2008 and 2007, Trade accounts receivable of \$648.9 million and \$779.6 million, respectively, were net of allowances for doubtful accounts of \$27.9 million and \$25.6 million, respectively. The decrease in accounts receivable from December 31, 2007 related principally to foreign currency translation and lower sales levels in the fourth quarter. The provision for doubtful accounts was \$12.5 million, \$7.8 million and \$9.2 million for 2008, 2007 and 2006, respectively. Other receivables include insurance claim receivables, employee receivables, tax claim receivables and other miscellaneous receivables not included in Trade accounts receivable, net.

Inventories consist of the following:

Inventories	2008	2007
<i>(In thousands)</i>		
Finished goods	\$156,490	\$161,013
Work-in-process	21,918	23,776
Raw materials and purchased parts	83,372	76,735
Stores and supplies	47,750	49,407
Total inventories	\$309,530	\$310,931
Valued at lower of cost or market:		
Last-in, first out ("LIFO") basis	\$105,959	\$ 99,433
First-in, first out ("FIFO") basis	15,140	16,742
Average cost basis	188,431	194,756
Total inventories	\$309,530	\$310,931

Inventories valued on the LIFO basis at December 31, 2008 and 2007 were approximately \$32.8 million and \$23.4 million, respectively, less than the amounts of such inventories valued at current costs.

As a result of reducing certain inventory quantities valued on the LIFO basis, net income increased from that which would have been recorded under the FIFO basis of valuation by \$0.3 million in 2008, less than \$0.1 million in 2007 and \$0.3 million in 2006.

4 Property, Plant and Equipment

Property, plant and equipment consists of the following:

(In thousands)	2008	2007
Land and improvements	\$ 41,913	\$ 47,250
Buildings and improvements	167,606	175,744
Machinery and equipment	2,905,398	2,997,425
Uncompleted construction	75,210	75,167
Gross property, plant and equipment	3,190,127	3,295,586
Less accumulated depreciation	(1,707,294)	(1,760,372)
Net property, plant and equipment	\$ 1,482,833	\$ 1,535,214

The estimated useful lives of different types of assets are generally:

Land improvements	5 to 20 years
Buildings and improvements	5 to 40 years
Machinery and equipment	3 to 20 years
Leasehold improvements	Estimated useful life of the improvement or, if shorter, the life of the lease

5 Goodwill and Other Intangible Assets

In connection with the provisions of SFAS No. 142, "Goodwill and Other Intangible Assets," ("SFAS 142") goodwill and intangible assets with indefinite useful lives are no longer amortized. Goodwill is tested for impairment at the reporting unit level on an annual basis, and between annual tests, whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value. The Company has determined that the reporting units for goodwill impairment testing purposes are the Company's operating segments for the Harsco Metals Segment and the All Other Category and the component level for the Harsco Infrastructure Segment. This impairment testing is a two-step process as outlined in SFAS 142. Step one

is a comparison of each reporting unit's fair value to its book value. If the fair value of the reporting unit exceeds the book value, step two of the test is not required. Step two requires the allocation of fair values to assets and liabilities as if the reporting unit had just been purchased resulting in the implied fair value of goodwill. If the carrying value of the goodwill exceeds the implied fair value, a write down to the implied fair value would be required.

The Company uses a discounted cash flow model to estimate the fair value of a reporting unit in performing step one of the testing. This model requires the use of long-term planning estimates and assumptions regarding industry-specific economic conditions that are outside the control of the Company. Assessments of future cash flows would consider, but not be limited to the following: infrastructure plant maintenance requirements; global metals production and capacity utilization; global railway track maintenance-of-way capital spending; and other drivers of the Company's businesses. Changes in the overall interest rate environment may also impact the fair market value of the Company's reporting units as this would directly influence the discount rate utilized for discounting operating cash flows, and ultimately determining a reporting unit's fair value. The Company's overall market capitalization is also a factor in evaluating the fair market values of the Company's reporting units. Significant declines in the overall market capitalization of the Company could lead to the determination that the book value of one or more of the Company's reporting units exceeds their fair value. The Company performed required annual testing for goodwill impairment as of October 1, 2008 and 2007 and all reporting units of the Company passed the step one testing thereby indicating that no goodwill impairment exists. Additionally, the Company determined that as of December 31, 2008 no interim impairment testing was necessary. However, there can be no assurance that future goodwill impairment tests will not result in a charge to earnings.

The following table reflects the changes in carrying amounts of goodwill by segment for the years ended December 31, 2007 and 2008:

Goodwill by Segment

(In thousands)	Harsco Infrastructure Segment	Harsco Metals Segment	All Other Category – Harsco Minerals & Rail	Gas Technologies Segment	Consolidated Totals
Balance as of December 31, 2006, net of accumulated amortization	\$241,937	\$325,492	\$ 8,137	\$ 36,914	\$612,480
Goodwill acquired during year ^(a)	–	13,621	103,935	–	117,556
Changes to Goodwill ^(b)	1,686	(1,301)	–	–	385
Goodwill disposed during year ^(c)	–	–	–	(36,930)	(36,930)
Foreign currency translation	11,233	10,499	4,830	16	26,578
Balance as of December 31, 2007, net of accumulated amortization	\$254,856	\$348,311	\$116,902	\$ –	\$720,069
Goodwill acquired during year ^(d)	12,045	–	–	–	12,045
Changes to Goodwill ^(b)	1,262	(4,892)	266	–	(3,364)
Foreign currency translation	(47,616)	(43,806)	(5,838)	–	(97,260)
Balance as of December 31, 2008, net of accumulated amortization	\$220,547	\$299,613	\$111,330	\$ –	\$631,490

(a) Relates principally to the Excell Minerals acquisition in the All Other Category – Harsco Minerals & Rail.

(b) Relates principally to opening balance sheet adjustments.

(c) Relates to the sale of the Company's Gas Technologies Segment.

(d) Relates to acquisitions of Baviera S.R.L., Buckley Scaffolding and Sovereign Access Services Limited.

Notes to Consolidated Financial Statements

Goodwill is net of accumulated amortization of \$95.9 million and \$103.7 million at December 31, 2008 and 2007, respectively. The reduction in accumulated amortization from December 31, 2007 is due to foreign currency translation.

Intangible assets totaled \$141.5 million, net of accumulated amortization of \$65.4 million at December 31, 2008 and \$189.0 million, net of accumulated amortization of \$45.2 million at December 31, 2007. The following table reflects these intangible assets by major category:

Intangible Assets				
<i>(In thousands)</i>	December 31, 2008		December 31, 2007	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Customer relationships	\$138,752	\$40,821	\$157,717	\$25,137
Non-compete agreements	1,414	1,196	3,382	2,952
Patents	6,316	4,116	6,805	4,241
Other	60,495	19,309	66,266	12,821
Total	\$206,977	\$65,442	\$234,170	\$45,151

The decrease in intangible assets for 2008 was due principally to foreign currency translation, partially offset by intangible assets acquired in the acquisitions discussed in Note 2, "Acquisitions and Dispositions." As part of these transactions, the Company acquired the following intangible assets (by major class) which are subject to amortization:

Acquired Intangible Assets			
<i>(In thousands)</i>	Gross Carrying Amount	Residual Value	Weighted-average amortization period
Customer relationships	\$2,087	None	6 years
Non-compete agreements	78	None	2 years
Other	478	None	2 years
Total	\$2,643		

There were no research and development assets acquired and written off in 2008, 2007 or 2006.

Amortization expense for intangible assets was \$28.1 million, \$27.4 million and \$6.7 million for the years ended December 31, 2008, 2007 and 2006, respectively. The following table shows the estimated amortization expense for the next five fiscal years based on current intangible assets.

<i>(In thousands)</i>	2009	2010	2011	2012	2013
Estimated amortization expense ^(a)	\$24,742	\$24,308	\$23,077	\$10,908	\$9,472

^(a) These estimated amortization expense amounts do not reflect the potential effect of future foreign currency exchange rate fluctuations.

6 Debt and Credit Agreements

The Company has various credit facilities and commercial paper programs available for use throughout the world. The following table illustrates the amounts outstanding on credit facilities and commercial paper programs and available credit at December 31, 2008. These credit facilities and programs are described in more detail below the table.

<i>(In thousands)</i>	As of December 31, 2008		
	Facility Limit	Outstanding Balance	Available Credit
U.S. commercial paper program	\$ 550,000	\$35,943	\$ 514,057
Euro commercial paper program	279,380	9,012	270,368
Multi-year revolving credit facility ^(a)	450,000	—	450,000
364-day revolving credit facility ^(a)	220,000	50,000	170,000
Bilateral credit facility ^(b)	30,000	—	30,000
Totals at December 31, 2008	\$1,529,380	\$94,955	\$1,434,425 ^(c)

^(a) U.S.-based program.

^(b) International-based program.

^(c) Although the Company has significant available credit, in practice, the Company limits aggregate commercial paper and credit facility borrowings at any one time to a maximum of \$700.0 million (the aggregate amount of the back-up facilities).

The Company has a U.S. commercial paper borrowing program under which it can issue up to \$550 million of short-term notes in the U.S. commercial paper market. In addition, the Company has a 200 million euro commercial paper program, equivalent to approximately \$279.4 million at December 31, 2008, which is used to fund the Company's international operations. At December 31, 2008 and 2007, the Company had \$35.9 million and \$333.4 million of U.S. commercial paper outstanding, respectively; and \$9.0 million and \$132.8 million outstanding, respectively, under its European-based commercial paper program. Additionally, the Company had \$50.0 million outstanding under its 364-day revolving credit facility at December 31, 2008. These borrowings are classified as long-term debt when the Company has the ability and intent to refinance it on a long-term basis through existing long-term credit facilities. At December 31, 2008 and 2007, the Company classified \$94.9 million and \$8.0 million, respectively, of commercial paper and advances as short-term debt. There was no remaining commercial paper or advances to be reclassified as long-term debt at December 31, 2008, while \$458.2 million was reclassified at December 31, 2007.

The Company has a multi-year revolving credit facility in the amount of \$450 million, through a syndicate of 16 banks, which matures in November 2010. This facility serves as back-up to the Company's commercial paper programs. Interest rates on the facility are based upon either the announced JPMorgan Chase Bank Prime Rate, the Federal Funds Effective Rate plus a margin or LIBOR plus a margin. The Company pays a facility fee (.08% per annum as of December 31, 2008) that varies based upon its credit ratings. At December 31, 2008 and 2007, there were no borrowings outstanding on this credit facility.

In November 2008, the Company, Citibank N.A., as administrative agent, and a syndicate of nine other banks entered into a 364-day credit agreement that enables the Company to borrow up to \$220 million. The facility matures in November 2009. Any borrowings outstanding at the termination of the facility may, at the Company's option, be repaid over the following 12 months. The Company has the option to increase the size of the facility at a later date to up to \$300 million with the consent of the lenders. Interest rates on the facility are based upon the announced Citibank Prime Rate plus a margin, the Federal Funds Effective rate plus a margin, or LIBOR plus a margin. The Company pays a commitment fee (0.125% per annum as of entry into the facility) that varies based upon its credit ratings. At December 31, 2008, the Company had \$50 million outstanding under this facility.

The Company's bilateral credit facility was amended in December 2008 to extend the maturity date to December 2009 and to reduce the amount of the credit facility to \$30 million from \$50 million. The reduction in amount accommodates the Company's current anticipated liquidity needs and reduces borrowing costs. The facility serves as back-up to the Company's commercial paper programs and also provides available financing for the Company's European operations. Borrowings under this facility are available in most major currencies with active markets at interest rates based upon LIBOR plus a margin. Borrowings outstanding at expiration may be repaid over the succeeding 12 months. As of December 31, 2008 and 2007, there were no borrowings outstanding on this facility.

Short-term borrowings amounted to \$117.9 million and \$60.3 million at December 31, 2008 and 2007, respectively. This included commercial paper and short-term advances of \$94.9 million and \$8.0 million at December 31, 2008 and 2007, respectively. Other than the commercial paper borrowings and advances, short-term debt was principally bank overdrafts. The weighted-average interest rate for short-term borrowings at December 31, 2008 and 2007 was 3.8% and 6.0%, respectively.

Long-term debt consists of the following:

Long-term Debt		
<i>(In thousands)</i>	2008	2007
5.75% notes due May 1, 2018	\$446,762	\$ —
7.25% British pound sterling-denominated notes due October 27, 2010	290,777	395,197
5.125% notes due September 15, 2013	149,247	149,110
Commercial paper borrowings, with a weighted average interest rate of 5.2% as of December 31, 2007	—	458,180
Faber Prest loan notes due October 31, 2008 with interest based on sterling LIBOR minus .75% (5.1% at December 31, 2007)	—	3,120
Other financing payable in varying amounts due through 2013 with a weighted average interest rate of 7.5% and 7.0% as of December 31, 2008 and 2007, respectively	8,243	14,864
	895,029	1,020,471
Less: current maturities	(3,212)	(8,384)
	\$891,817	\$1,012,087

As reflected in the above table, in May 2008, the Company completed an offering in the United States of 5.75%, ten-year senior notes totaling \$450.0 million. Net proceeds of \$446.6 million were used to reduce the Company's U.S. and euro commercial paper borrowings by \$286.4 million and \$160.2 million, respectively. The notes include a covenant that permits the note holders to redeem their notes at 101% of par in the event of a change in control of the Company, or disposition of a significant portion of the Company's assets in combination with a downgrade of the Company's credit rating to non-investment grade.

The Company's credit facilities and certain notes payable agreements contain covenants requiring a minimum net worth of \$475 million and a maximum debt to capital ratio of 60%. Additionally, the Company's 7.25% British pound sterling-denominated notes, due October 27, 2010, and its 5.75% notes, due May 2018, also include covenants that permit the note holders to redeem their notes, at par and 101% of par, respectively, in the event of a change of control of the Company or disposition of a significant portion of the Company's assets in combination with the Company's credit rating being downgraded to non-investment grade. At December 31, 2008, the Company was in compliance with these covenants.

The maturities of long-term debt for the four years following December 31, 2009 are as follows:

<i>(In thousands)</i>	
2010	\$293,192
2011	1,911
2012	699
2013	149,253

Cash payments for interest on all debt from continuing operations were \$71.6 million, \$80.3 million and \$59.7 million in 2008, 2007 and 2006, respectively.

7 Leases

The Company leases certain property and equipment under noncancelable operating leases. Rental expense (for continuing operations) under such operating leases was \$65.0 million, \$70.4 million and \$69.6 million in 2008, 2007 and 2006, respectively.

Future minimum payments under operating leases with noncancelable terms are as follows:

<i>(In thousands)</i>	
2009	\$55,592
2010	36,200
2011	25,029
2012	18,133
2013	14,742
After 2013	37,811

Total minimum rentals to be received in the future under non-cancelable subleases as of December 31, 2008 are \$8.9 million.

Notes to Consolidated Financial Statements

8 Employee Benefit Plans

In September 2006, the FASB issued SFAS No. 158, "Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans" ("SFAS 158"). The Company adopted the recognition provisions of SFAS 158 effective December 31, 2006.

SFAS 158 also requires the consistent measurement of plan assets and benefit obligations as of the date of the Company's fiscal year-end statement of financial position effective for the year ending December 31, 2008. Since the Company previously used an October 31 measurement date for its United States defined benefit pension plans and a September 30 measurement date for most of its international defined benefit pension plans, the standard required the Company to change those measurement

dates in 2008 to December 31. In order to record the effects of the change to a December 31 measurement date, the Company chose to use the measurements determined as of October 31, 2007 and September 30, 2007 and estimate the net periodic benefit cost for the 14-month and 15-month periods, respectively, ending December 31, 2008, exclusive of any curtailment or settlement gains or losses. Amounts allocated proportionately to the 2-month and 3-month periods ended December 31, 2007 (the "short periods") were recorded as an adjustment to retained earnings, effective January 1, 2008. The remaining costs were recognized as net periodic pension expense during the year ended December 31, 2008. The following table sets forth the adjustments to retained earnings and Accumulated other comprehensive income ("AOCI") resulting from the measurement date change, net of tax for the short periods:

Impact of SFAS 158 Measurement Date Change

	U. S. Defined Benefit Pension Plans		International Defined Benefit Pension Plans		Other Post-Retirement Benefit Plans	
	Retained Earnings	AOCI	Retained Earnings	AOCI	Retained Earnings	AOCI
<i>(In thousands)</i>						
Service cost, interest cost and expected return on plan assets	\$ 576	\$ —	\$ 364	\$ —	\$(21)	\$ —
Amortization of prior service cost and actuarial gain (loss)	(169)	169	(2,207)	2,207	4	(4)
Net adjustment recognized	\$ 407	\$169	\$(1,843)	\$2,207	\$(17)	\$(4)

Pension Benefits

The Company has pension and profit sharing retirement plans covering a substantial number of its employees. The defined benefits for salaried employees generally are based on years of service and the employee's level of compensation during specified periods of employment. Defined benefit plans covering hourly employees generally provide benefits of stated amounts for each year of service. The multi-employer plans in which the Company participates provide benefits to certain unionized employees. The Company's funding policy for qualified plans is consistent with statutory regulations and customarily equals the amount deducted for income tax purposes. The Company also makes periodic voluntary contributions as recommended by its pension committee. The Company's policy is to amortize prior service costs of defined benefit pension plans over the average future service period of active plan participants.

In an effort to mitigate a portion of the increased pension expense for 2009, the Company implemented plan design changes for certain international defined benefit pension plans, principally in the Harsco Metals

Segment, so that accrued service is no longer granted for periods after December 31, 2008. As a result, for most of the U.S. defined benefit pension plans and a majority of international defined benefit pension plans, accrued service is no longer granted. In place of these plans, the Company has established defined contribution pension plans providing for the Company to contribute a specified matching amount for participating employees' contributions to the plan. Domestically, this match is made on employee contributions up to four percent of their eligible compensation. Additionally, the Company may provide a discretionary contribution of up to two percent of compensation for eligible employees. The two percent discretionary contribution was recorded for 2007 and 2006, and paid in February of the subsequent year. Internationally, this match is up to six percent of eligible compensation with an additional two percent going towards insurance and administrative costs.

The Company believes the defined contribution plans will provide a more predictable and less volatile pension expense than exists under the defined benefit plans.

(In thousands)	U.S. Plans			International Plans		
	2008	2007	2006	2008	2007	2006
Pension Expense (Income)						
Defined benefit plans:						
Service cost	\$ 1,740	\$ 3,033	\$ 3,685	\$ 8,729	\$ 9,031	\$ 9,168
Interest cost	15,197	15,511	14,919	50,146	50,118	43,506
Expected return on plan assets	(23,812)	(22,943)	(19,942)	(58,166)	(61,574)	(52,081)
Recognized prior service costs	333	686	742	897	938	1,446
Recognized losses	1,167	1,314	2,949	10,317	15,254	12,882
Amortization of transition (asset) liability	—	—	(361)	29	36	36
Settlement/Curtailment loss (gain)	(620)	2,091	78	1,536	—	(51)
Defined benefit plans pension (income) expense	(5,995)	(308)	2,070	13,488	13,803	14,906
Less Discontinued Operations included in above	(694)	2,748	1,848	—	477	447
Defined benefit plans pension (income) expense – continuing operations	(5,301)	(3,056)	222	13,488	13,326	14,459
Multi-employer plans ^(a)	15,231	13,552	10,560	10,143	10,361	8,662
Defined contribution plans ^(a)	6,969	8,999	7,544	7,894	7,589	6,518
Pension expense – continuing operations	\$ 16,899	\$ 19,495	\$ 18,326	\$ 31,525	\$ 31,276	\$ 29,639

(a) Excludes discontinued operations.

In 2008, the Company recognized a settlement gain of \$0.9 million related to the Gas Technologies Segment that was sold in December 2007. The settlement gain was recognized upon final transfer of pension assets and liabilities to an authorized trust established by the purchaser of the Segment and is included above in U.S. Plans discontinued operations. Also in 2008, the Company implemented plan design changes for certain domestic and international defined benefit pension plans so that accrued service is no longer granted for periods after December 31, 2008. These actions resulted in a net curtailment loss of \$1.5 million. See Note 17, “2008 Restructuring Program” for additional information.

In 2007, the Company recognized a \$2.1 million curtailment loss in connection with the remeasurement of plan obligations related to the divestiture of the Gas Technologies Segment.

The change in the financial status of the pension plans and amounts recognized in the Consolidated Balance Sheets at December 31, 2008 and 2007 are as follows:

(In thousands)	U. S. Plans		International Plans	
	2008	2007	2008	2007
Defined Benefit Pension Benefits				
Change in benefit obligation:				
Benefit obligation at beginning of year	\$268,710	\$266,441	\$987,894	\$981,618
Service cost	1,740	3,033	8,729	9,031
Interest cost	15,197	15,511	50,146	50,118
Plan participants' contributions	—	—	2,311	2,354
Amendments	890	349	(111)	—
Adoption of SFAS 158 measurement date change	598	—	5,154	—
Actuarial loss (gain)	(10,145)	(1,857)	(58,507)	(39,523)
Settlements/curtailments	—	(1,315)	(10,388)	—
Benefits paid	(15,721)	(13,452)	(35,695)	(40,156)
Divestiture of Gas Technologies Segment	(22,922)	—	(678)	—
Effect of foreign currency	—	—	(250,019)	24,452
Benefit obligation at end of year	\$238,347	\$268,710	\$698,836	\$987,894
Change in plan assets:				
Fair value of plan assets at beginning of year	\$311,193	\$271,899	\$ 905,849	\$829,927
Actual return on plan assets	(83,794)	49,731	(99,645)	58,477
Employer contributions	1,600	3,015	28,865	39,016
Plan participants' contributions	—	—	2,310	2,354
Settlements/curtailments	—	—	(237)	—
Benefits paid	(15,721)	(13,452)	(34,182)	(38,987)
Adoption of SFAS 158 measurement date change	(2,495)	—	(5,946)	—
Divestiture of Gas Technologies Segment	(21,097)	—	—	—
Effect of foreign currency	—	—	(238,257)	15,062
Fair value of plan assets at end of year	\$189,686	\$311,193	\$ 558,757	\$905,849
Funded status at end of year	\$ (48,661)	\$ 42,483	\$ (140,079)	\$ (82,045)

Notes to Consolidated Financial Statements

The actual return on the Company's U.S. and international plans' assets reflects the decline in pension asset values during the second half of 2008. This decline was due to the financial crisis and the deterioration of global economic conditions.

Defined Benefit Pension Benefits

	U. S. Plans		International Plans	
(In thousands)	2008	2007	2008	2007
Amounts recognized in the Consolidated Balance Sheets consist of the following:				
Noncurrent assets	\$ 232	\$70,154	\$ 5,072	\$ 9,604
Current liabilities	(2,111)	(1,172)	(1,897)	(1,446)
Noncurrent liabilities	(46,782)	(26,499)	(143,254)	(90,203)
Accumulated other comprehensive loss before tax	109,523	9,947	260,765	246,526

Amounts recognized in Accumulated other comprehensive loss consist of the following:

	U. S. Plans		International Plans	
(In thousands)	2008	2007	2008	2007
Net actuarial loss	\$107,672	\$8,346	\$257,393	\$240,193
Prior service cost	1,851	1,601	3,184	6,026
Transition obligation	—	—	188	307
Total	\$109,523	\$9,947	\$260,765	\$246,526

The estimated amounts that will be amortized from Accumulated other comprehensive loss into defined benefit pension expense in 2009 are as follows:

	U. S. Plans	International Plans
(In thousands)		
Net actuarial loss	\$10,098	\$15,206
Prior service cost	351	357
Transition obligation	—	26
Total	\$10,449	\$15,589

The Company's estimate of expected contributions to be paid in year 2009 for the U.S. defined benefit plans is \$4.4 million and for the international defined benefit plans is \$33.5 million.

Contributions to multi-employer pension plans were \$26.1 million, \$24.2 million and \$18.3 million in years 2008, 2007 and 2006, respectively. For defined contribution plans, payments were \$18.8 million, \$16.6 million and \$13.7 million for years 2008, 2007 and 2006, respectively.

Future Benefit Payments

The expected benefit payments for defined benefit plans over the next ten years are as follows:

	U.S. Plans	International Plans
(In millions)		
2009	\$15.8	\$32.8
2010	15.0	32.8
2011	16.1	34.6
2012	16.0	35.4
2013	17.8	35.1
2014–2018	90.0	184.0

Net Periodic Pension Expense Assumptions

The weighted-average actuarial assumptions used to determine the net periodic pension expense for the years ended December 31 were as follows:

Global Weighted Average			
December 31	2008	2007	2006
Discount rates	5.9%	5.3%	5.3%
Expected long-term rates of return on plan assets	7.6%	7.6%	7.6%
Rates of compensation increase	3.6%	3.3%	3.4%

	U.S. Plans			International Plans		
December 31	2008	2007	2006	2008	2007	2006
Discount rates	6.2%	5.9%	5.9%	5.8%	5.1%	5.2%
Expected long-term rates of return on plan assets	8.3%	8.3%	8.3%	7.3%	7.3%	7.4%
Rates of compensation increase	4.8%	4.5%	4.4%	3.5%	3.2%	3.2%

The expected long-term rates of return on plan assets for the 2009 pension expense are 8.00% for the U.S. plans and 7.1% for the international plans.

Defined Benefit Pension Obligation Assumptions

The weighted-average actuarial assumptions used to determine the defined benefit pension plan obligations at December 31 were as follows:

Global Weighted Average			
December 31	2008	2007	2006
Discount rates	6.1%	5.9%	5.3%
Rates of compensation increase	3.4%	3.6%	3.3%

	U.S. Plans			International Plans		
December 31	2008	2007	2006	2008	2007	2006
Discount rates	6.1%	6.2%	5.9%	6.0%	5.8%	5.1%
Rates of compensation increase	4.0%	4.8%	4.5%	3.4%	3.5%	3.2%

The U.S. discount rate was determined using a yield curve that was produced from a universe containing over 300 U.S.-issued, AA-rated corporate bonds, all of which were noncallable (or callable with make-whole provisions), and excluding the 10% of the bonds with the highest yields and the 10% with the lowest yields. The discount rate was then developed as the level-equivalent rate that would produce the same present value as that using spot rates to discount the projected benefit payments. For international plans, the discount rate is aligned to corporate bond yields in the local markets, normally AA-rated corporations. The process and selection seeks to approximate the cash outflows with the timing and amounts of the expected benefit payments. As of the measurement dates, these international rates have increased by 20 basis points from the prior year.

Accumulated Benefit Obligations

The accumulated benefit obligation for all defined benefit pension plans at December 31 was as follows:

(In millions)	U.S. Plans	International Plans
2008	\$237.8	\$687.7
2007	\$257.0	\$899.4

Plans with Accumulated Benefit Obligation in Excess of Plan Assets

The projected benefit obligation, accumulated benefit obligation and fair value of plan assets for pension plans with accumulated benefit obligations in excess of plan assets at December 31 were as follows:

(In millions)	U. S. Plans		International Plans	
	2008	2007	2008	2007
Projected benefit obligation	\$228.7	\$38.1	\$659.5	\$88.5
Accumulated benefit obligation	228.5	34.8	656.1	83.1
Fair value of plan assets	179.8	10.5	517.3	51.7

The asset allocations attributable to the Company's U.S. defined benefit pension plans at December 31, 2008, and October 31, 2007 and the target allocation of plan assets for 2009, by asset category, are as follows:

U.S. Plans Asset Category

	Target Long-Term Allocation	Percentage of Plan Assets at	
		December 31, 2008	October 31, 2007
Domestic Equity Securities	45%–55%	42.5%	54.1%
Fixed Income Securities	27%–37%	39.6%	25.5%
International Equity Securities	4.5%–14.5%	8.8%	13.0%
Cash & Cash Equivalents	0%–5%	1.4%	0.9%
Other	4%–12%	7.7%	6.5%

Plan assets are allocated among various categories of equities, fixed income, cash and cash equivalents with professional investment managers whose performance is actively monitored. The primary investment objective is long-term growth of assets in order to meet present and future benefit obligations. The Company periodically conducts an asset/liability modeling study and accordingly adjusts investments among and within asset categories to ensure the long-term investment strategy is aligned with the profile of benefit obligations.

The Company reviews the long-term expected return-on-asset assumption on a periodic basis taking into account a variety of factors including the historical investment returns achieved over a long-term period, the targeted allocation of plan assets and future expectations based on a model of asset returns for an actively managed portfolio, inflation and administrative/other expenses. The model simulates 500 different capital market results over 15 years. For 2009, the expected return-on-asset assumption for U.S. plans is 8.00%, as compared with

the expected return-on-asset assumption for 2008 which was 8.25%.

The decrease reflects the impact of the financial crisis that began in the second half of 2008 and the long-term effect on recovery.

The U.S. defined benefit pension plans assets include 434,088 shares of the Company's stock valued at \$12.0 million at December 31, 2008 and 765,280 shares of the Company's common stock valued at \$46.4 million at October 31, 2007. These shares represented 6.4% and 14.4%, respectively, of total plan assets. Dividends paid to the pension plans on the Company stock amounted to \$0.3 million in 2008 and \$0.5 million in 2007.

The asset allocations attributable to the Company's international defined benefit pension plans at December 31, 2008 and September 30, 2007 and the target allocation of plan assets for 2009, by asset category, are as follows:

International Plans Asset Category

	Target Long-Term Allocation	Percentage of Plan Assets at	
		December 31, 2008	September 30, 2007
Equity Securities	50.0%	42.0%	54.3%
Fixed Income Securities	40.0%	47.4%	40.3%
Cash & Cash Equivalents	5.0%	0.2%	0.7%
Other	5.0%	10.4%	4.7%

Plan assets as of December 31, 2008, in the U.K. defined benefit pension plan amounted to 85.6% of the international pension assets.

These assets are allocated among various categories of equities, fixed income, cash and cash equivalents with professional investment managers whose performance is actively monitored. The primary investment objective is long-term growth of assets in order to meet present and future benefit obligations. The Company periodically conducts asset/liability modeling studies and accordingly adjusts investment amounts within asset categories to ensure the long-term investment strategy is aligned with the profile of benefit obligations.

For the international long-term rate-of-return assumption, the Company considered the current level of expected returns in risk-free investments (primarily government bonds), the historical level of the risk premium associated with other asset classes in which the portfolio is invested and the expectations for future returns of each asset class and plan expenses. The expected return for each asset class was then weighted based on the target asset allocation to develop the expected long-term rate-of-return on assets. The Company's expected rate-of-return assumption for the U.K. plan was 7.23% and 7.5% for 2009 and 2008, respectively. The remaining international pension plans with assets representing 14.4% of the international pension assets are under the guidance of professional investment managers and have similar investment objectives.

Notes to Consolidated Financial Statements

The impact of adopting the recognition provisions of SFAS 158 effective December 31, 2006 has been reflected in the consolidated financial statements as of December 31, 2008, 2007 and 2006 and the incremental effect of applying SFAS 158 to pension benefits is disclosed below.

Incremental Effect on Consolidated Balance Sheet of Adopting the Recognition Provisions of SFAS 158 for Pension Plans – December 31, 2006

(In thousands)	Balance Sheet Before Adopting SFAS 158 (a)	Adjustments to Adopt SFAS 158	Balance Sheet After Adopting SFAS 158 (a)
Assets:			
Other assets	\$164,571	\$(92,881)	\$ 71,690
Liabilities:			
Other current liabilities	\$210,061	\$ 1,716	\$ 211,777
Retirement plan liabilities	186,014	3,443	189,457
Deferred income tax liabilities	113,425	(9,833)	103,592
Stockholders' Equity:			
Accumulated other comprehensive loss	\$(81,127)	\$(88,207)	\$(169,334)

(a) Balances represent major captions as presented on the Consolidated Balance Sheet.

Postretirement Benefits

The Company has postretirement health care benefits for a limited number of employees mainly under plans related to acquired companies and postretirement life insurance benefits for certain hourly employees. The costs of health care and life insurance benefits are accrued for current and future retirees and are recognized as determined under the projected unit credit actuarial method. Under this method, the Company's obligation for postretirement benefits is to be fully accrued by the date employees attain full eligibility for such benefits. The Company's postretirement health care and life insurance plans are unfunded. Effective December 31, 2008, the Company uses a December 31 measurement date for its postretirement benefit plans in accordance with the provisions of SFAS 158.

(In thousands)	2008	2007	2006
Postretirement Benefits Expense (Income)			
Service cost	\$ 4	\$ 5	\$ 5
Interest cost	187	182	186
Recognized prior service costs	3	3	3
Recognized gains	(26)	(126)	(38)
Curtailment gains	—	(82)	(20)
Postretirement benefit expense (income)	\$168	\$(18)	\$136

The changes in the postretirement benefit liability recorded in the Consolidated Balance Sheets are as follows:

Postretirement Benefits	2008	2007
(In thousands)		
Change in benefit obligation:		
Benefit obligation at beginning of year	\$ 3,202	\$ 3,193
Effect of eliminating early measurement date	33	—
Service cost	4	5
Interest cost	187	182
Actuarial loss	223	52
Benefits paid	(260)	(240)
Acquisitions	—	85
Curtailment	—	(39)
Settlement	—	(36)
Benefit obligation at end of year	\$ 3,389	\$ 3,202
Amounts recognized in the statement of financial position consist of the following:		
Current liability	\$ (333)	\$ (300)
Noncurrent liability	(3,056)	(2,902)
Net amount recognized	\$(3,389)	\$(3,202)

Amounts recognized in Accumulated other comprehensive income consist of the following:		
Net actuarial loss (gain)	\$198	\$(62)
Prior service cost	9	18
Net amount recognized (before tax adjustment)	\$207	\$(44)

The estimated amounts that will be amortized from Accumulated other comprehensive income into net periodic benefit cost are as follows:

	2009
Actuarial loss	\$3
Prior service cost	2
Total	\$5

The actuarial assumptions used to determine the postretirement benefit obligation are as follows:

(Dollars in thousands)	2008	2007	2006
Assumed discount rate	6.10%	6.17%	5.87%
Health care cost trend rate	8.50%	9.00%	9.00%
Decreasing to ultimate rate	5.00%	5.00%	5.00%
Effect of one percent increase in health care cost trend rate:			
On total service and interest cost components	\$ 10	\$ 8	\$ 10
On postretirement benefit obligation	202	164	144
Effect of one percent decrease in health care cost trend rate:			
On total service and interest cost components	\$ (9)	\$ (8)	\$ (9)
On postretirement benefit obligation	(182)	(148)	(130)

It is anticipated that the health care cost trend rate will decrease from 8.5% in 2009 to 5.0% in the year 2016.

The assumed discount rates to determine the postretirement benefit expense for the years 2008, 2007 and 2006 were 6.17%, 5.87% and 5.87%, respectively.

The Company's expected benefit payments over the next ten years are as follows:

<i>(In thousands)</i>	Benefits Payments
2009	\$ 333
2010	335
2011	334
2012	331
2013	326
2014-2018	1,482

During 2008, the Company decided to no longer file for Medicare Part D federal subsidies that would provide retiree drug coverage, as the administrative cost associated with pursuing the reimbursement is expected to exceed the benefits received. Therefore, the Company does not expect any future subsidy payments under the Medicare Modernization Act.

Savings Plan

Prior to January 1, 2004, the Company had a 401(k) Savings Plan ("the Savings Plan") which covered substantially all U.S. employees with the exception of employees represented by a collective bargaining agreement, unless the agreement expressly provides otherwise. Effective January 1, 2004, certain U.S. employees previously covered by the Savings Plan were transferred into the Harsco Retirement Savings and Investment Plan ("HRSIP"), which is a defined contribution pension plan. The transferred employees were those whose credited years of service under the qualified Defined Benefit Pension Plan were frozen as of December 31, 2003. Employees whose credited service was not frozen as of December 31, 2003 remained in the Savings Plan. The expenses related to the HRSIP are included in the defined contribution pension plans disclosure in the Pension Benefits section of this footnote.

Employee contributions to the Savings Plan are generally determined as a percentage of covered employees' compensation. The continuing operations expense for contributions to the Savings Plan by the Company was \$0.8 million, \$0.6 million and \$0.6 million for 2008, 2007 and 2006, respectively.

Employee directed investments in the Savings Plan and HRSIP include the following amounts of Company stock:

Company Shares in Plans

	December 31, 2008		December 31, 2007		December 31, 2006	
<i>(Dollars in millions)</i>	Number of Shares	Fair Market Value	Number of Shares	Fair Market Value	Number of Shares (a)	Fair Market Value
Savings Plan	1,129,708	\$31.3	1,435,289	\$ 92.0	1,714,298	\$65.2
HRSIP	1,751,098	48.5	1,783,462	114.3	1,818,474	69.2

(a) Adjusted to reflect the March 2007 stock split.

Executive Incentive Compensation Plan

The amended 1995 Executive Incentive Compensation Plan provides the basis for determination of annual incentive compensation awards under a performance-based Economic Value Added (EVA) plan. Actual cash awards are usually paid in January or February of the following year. The Company accrues amounts reflecting the estimated value of incentive compensation anticipated to be earned for the year. Total executive incentive compensation expense for continuing operations was \$9.4 million, \$12.1 million and \$7.0 million in 2008, 2007 and 2006, respectively. The expenses include performance-based restricted stock units ("RSUs") that were granted to certain officers and key employees of the Company. See Note 12, "Stock-Based Compensation," for additional information on the equity component of executive compensation.

9 Income Taxes

Income from continuing operations before income taxes and minority interest in the Consolidated Statements of Income consists of the following:

<i>(In thousands)</i>	2008	2007	2006
United States	\$ 98,842	\$110,926	\$ 69,620
International	244,495	271,513	217,984
Total income before income taxes and minority interest	\$343,337	\$382,439	\$287,604
Income tax expense (benefit):			
Currently payable:			
Federal	\$ 33,873	\$ 37,917	\$ 33,525
State	1,988	8,670	2,338
International	54,817	68,688	56,156
Total income taxes currently payable	90,678	115,275	92,019
Deferred federal and state	1,478	(3,695)	(1,328)
Deferred international	(336)	6,018	2,663
Total income tax expense	\$ 91,820	\$117,598	\$ 93,354

Cash payments for income taxes, including Discontinued Operations, were \$120.6 million, \$125.4 million and \$98.9 million for 2008, 2007 and 2006, respectively.

Notes to Consolidated Financial Statements

The following is a reconciliation of the normal expected statutory U.S. federal income tax rate to the effective rate as a percentage of Income from continuing operations before income taxes and minority interest as reported in the Consolidated Statements of Income:

	2008	2007	2006
U.S. federal income tax rate	35.0%	35.0%	35.0%
State income taxes, net of federal income tax benefit	0.8	1.0	0.7
Export sales corporation benefit/domestic manufacturing deduction	(0.2)	(0.3)	(0.3)
Deductible 401(k) dividends	(0.2)	(0.2)	(0.3)
Difference in effective tax rates on international earnings and remittances	(7.7)	(3.7)	(2.5)
FIN 48 tax contingencies and settlements	(0.5)	0.1	(0.3)
Cumulative effect in change in statutory tax rates	(0.4)	(0.7)	—
Other, net	(0.1)	(0.5)	0.2
Effective income tax rate	26.7%	30.7%	32.5%

The difference in effective tax rates on international earnings and remittances from 2006 to 2008 was primarily due to increased earnings in jurisdictions with lower tax rates and the Company increasing its designation of certain international earnings as permanently reinvested.

The difference in effective tax rates for FASB Interpretation ("FIN") No. 48, "Accounting for Uncertainty in Income Taxes – an interpretation of FASB Statement No. 109" ("FIN 48") tax contingencies and settlements from 2007 to 2008 resulted from the recognition of previously unrecognized tax benefits in various state and foreign jurisdictions.

The tax effects of the primary temporary differences giving rise to the Company's deferred tax assets and liabilities for the years ended December 31, 2008 and 2007 are as follows:

Deferred Income Taxes

(In thousands)	2008		2007	
	Asset	Liability	Asset	Liability
Depreciation	\$ —	\$152,750	\$ —	\$142,102
Expense accruals	30,371	—	32,074	—
Inventories	4,866	—	4,020	—
Provision for receivables	2,587	—	2,093	—
Postretirement benefits	1,223	—	1,157	—
Deferred revenue	—	7,704	—	3,430
Operating loss carryforwards	21,211	—	14,954	—
Deferred foreign tax credits	3,601	—	—	—
Pensions	58,226	—	24,631	18,754
Currency adjustments and outside basis differences on foreign investments	71,030	—	—	13,120
Other	11,240	—	—	12,961
Subtotal	204,355	160,454	78,929	190,367
Valuation allowance	(21,459)	—	(15,317)	—
Total deferred income taxes	\$182,896	\$160,454	\$ 63,612	\$190,367

The deferred tax asset and liability balances are included in the following Consolidated Balance Sheets line items:

Deferred Income Tax Assets (Liabilities)

(In thousands)	December 31	
	2008	2007
Other current assets	\$ 35,065	\$ 37,834
Other assets	27,013	15,535
Other current liabilities	(4,194)	(5,701)
Deferred income taxes	(35,442)	(174,423)

At December 31, 2008, the tax effected amount of net operating loss carryforwards ("NOLs") totaled \$21.2 million. Tax effected NOLs from international operations are \$13.5 million. Of that amount, \$12.7 million can be carried forward indefinitely, and \$0.8 million will expire at various times between 2012 and 2023. Tax effected U.S. federal NOLs are \$0.4 million, expire in 2018, and relate to preacquisition NOLs. Tax effected U.S. state NOLs are \$7.3 million. Of that amount, \$0.1 million expire at various times between 2009 and 2015, \$4.8 million expire at various times between 2016 and 2023, and \$2.4 million expire at various times between 2024 and 2028.

The valuation allowance of \$21.5 million and \$15.3 million at December 31, 2008 and 2007, respectively, related principally to NOLs and foreign investment tax credits which are uncertain as to realizability.

The change in the valuation allowances for 2008 and 2007 results primarily from the increase in valuation allowances in certain jurisdictions based on the Company's evaluation of the realizability of future benefits partially offset by the utilization of NOLs and the release of valuation allowances in certain jurisdictions based on the Company's revaluation of the realizability of future benefits.

The Company has not provided U.S. income taxes on certain of its non-U.S. subsidiaries' undistributed earnings as such amounts are permanently reinvested outside the United States. At December 31, 2008 and 2007, such earnings were approximately \$741 million and \$697 million, respectively. If these earnings were repatriated at December 31, 2008, the one time tax cost associated with the repatriation would be approximately \$99.6 million. The Company has various tax holidays in the Middle East and Asia that expire between 2009 and 2012. The Company no longer has tax holidays in Europe as they have all expired. During 2008, 2007 and 2006, these tax holidays resulted in approximately \$0.2 million, \$2.8 million and \$2.3 million, respectively, in reduced income tax expense.

The Company adopted the provisions of FIN 48, effective January 1, 2007. As a result of the adoption, the Company recognized a cumulative effect reduction to the January 1, 2007 retained earnings balance of \$0.5 million. As of the adoption date, the Company had gross

unrecognized income tax benefits of \$46.0 million, of which \$17.8 million, if recognized, would affect the Company's effective income tax rate. Of this amount, \$0.8 million was classified as current and \$45.2 million was classified as non-current on the Company's balance sheet. While the Company believes it has adequately provided for all tax positions, amounts asserted by taxing authorities could be different than the accrued position.

The Company recognizes accrued interest and penalty expense related to unrecognized income tax benefits ("UTB") in income tax expense. In conjunction with the adoption of FIN 48, the total amount of accrued interest and penalties resulting from such unrecognized tax benefits was \$4.4 million. During the year ended December 31, 2008, the Company recognized a benefit of \$3.2 million for interest and penalties. During the year ended December 31, 2007, the Company recognized expense of \$6.5 million for interest and penalties. The Company had \$7.7 million and \$10.9 million for the payment of interest and penalties accrued at December 31, 2008 and 2007, respectively.

A reconciliation of the change in the UTB balance from January 1, 2007 to December 31, 2008 is as follows:

<i>(In thousands)</i>	Unrecognized Income Tax Benefits	Deferred Income Tax Benefits	Unrecognized Income Tax Benefits, Net of Deferred Income Tax Benefits
Balance at January 1, 2007	\$ 45,965	\$(15,016)	\$30,949
Additions for tax positions related to the current year (includes currency translation adjustment)	3,849	(172)	3,677
Additions for tax positions related to prior years (includes currency translation adjustment)	6,516	—	6,516
Reductions for tax positions related to acquired entities in prior years, offset to goodwill	(3,568)	—	(3,568)
Other reductions for tax positions related to prior years	(22,086)	12,681	(9,405)
Settlements	(500)	175	(325)
Balance at December 31, 2007	\$ 30,176	\$ (2,332)	\$27,844
Additions for tax positions related to the current year (includes currency translation adjustment)	2,723	—	2,723
Additions for tax positions related to prior years (includes currency translation adjustment)	2,753	(629)	2,124
Reductions for tax positions related to acquired entities in prior years, offset to goodwill	(92)	—	(92)
Other reductions for tax positions related to prior years	(6,080)	1,077	(5,003)
Settlements	(5,181)	705	(4,476)
Total unrecognized income tax benefits that, if recognized, would impact the effective income tax rate as of December 31, 2008	\$ 24,299	\$ (1,179)	\$23,120

During the third quarter of 2008, the U.S. Internal Revenue Service completed its audit of the Company's U.S. income tax returns for 2004 and 2005. The resolution of the audit resulted in a payment of \$2.8 million.

In July 2008, the Company and the Ontario Ministry of Finance settled its royalty dispute matter consistent with the results obtained by the Company with the Canada Revenue Agency ("CRA"). This matter is more fully discussed in Note 10, "Commitments and Contingencies," to the consolidated financial statements.

The Company filed voluntary disclosure agreements with various U.S. state jurisdictions which resulted in a 2008 payment of \$2.3 million and a realization of UTBs of approximately \$1.0 million.

The Company files its income tax returns as prescribed by the tax laws of the jurisdictions in which it operates. With few exceptions, the Company is no longer subject to the U.S. and foreign examinations by tax authorities for the years through 2002.

Upon the adoption of SFAS 141(R) on January 1, 2009, the resolution of all UTBs accounted for under FIN 48 from business combinations and changes in valuation allowances for acquired deferred tax assets will be recognized in income tax expense rather than as an additional cost of the acquisition or goodwill. Such adjustments will impact the effective income tax rate. The amount of UTBs accounted for under FIN 48 from business combinations that may impact the effective income tax rate as of December 31, 2008 is \$4.6 million.

10 Commitments and Contingencies

Royalty Expense Dispute

The Company was involved in a royalty expense dispute with the Canada Revenue Agency ("CRA"). The CRA disallowed certain expense deductions claimed by the Company's Canadian subsidiary on its 1994-1998 tax returns. The Company completed settlement discussions with the CRA which resulted in a resolution and closure of the matter in the fourth quarter of 2007. The settlement resulted in a refund to the Company in the amount of approximately \$5.9 million Canadian dollars, representing a refund of the payment made to the CRA in the fourth quarter of 2005, with the interest accrued on the 2005 settlement being utilized to satisfy the final assessment of \$0.6 million Canadian dollars.

The Ontario Ministry of Finance ("Ontario") also proposed to disallow certain expense deductions for the period 1994-1998. In July 2008, the Company and Ontario settled this matter in a manner consistent with the results obtained by the Company with the CRA. The settlement resulted in a total refund to the Company of approximately \$4.9 million Canadian dollars, representing a refund of payments made to Ontario, plus accrued interest. A portion of these amounts was utilized to satisfy the final assessment of \$0.4 million Canadian dollars.

Notes to Consolidated Financial Statements

Environmental

The Company is involved in a number of environmental remediation investigations and clean-ups and, along with other companies, has been identified as a "potentially responsible party" for certain waste disposal sites. While each of these matters is subject to various uncertainties, it is probable that the Company will agree to make payments toward funding certain of these activities and it is possible that some of these matters will be decided unfavorably to the Company. The Company has evaluated its potential liability, and its financial exposure is dependent upon such factors as the continuing evolution of environmental laws and regulatory requirements, the availability and application of technology, the allocation of cost among potentially responsible parties, the years of remedial activity required and the remediation methods selected. The Consolidated Balance Sheets at December 31, 2008 and December 31, 2007 include accruals of \$3.2 million and \$3.9 million, respectively, for environmental matters. The amounts charged against pre-tax income related to environmental matters totaled \$1.5 million, \$2.8 million and \$2.0 million in 2008, 2007 and 2006, respectively.

The Company and an unrelated third party received a notice of violation in November 2007 from the United States Environmental Protection Agency ("the EPA"), in connection with an alleged violation by the Company and such third party of certain applicable federally enforceable air pollution control requirements in connection with the operation of a slag processing area located on the third party's Pennsylvania facility. The Company and such third party have promptly taken steps to remedy the situation. The Company and the third party have reached an agreement in principle with the EPA to resolve this matter and are in the process of finalizing this agreement. The Company anticipates that its portion of any penalty would exceed \$0.1 million. However, the Company does not expect that any sum it may have to pay in connection with this matter would have a material adverse effect on its financial position, results of operations or cash flows.

The Company evaluates its liability for future environmental remediation costs on a quarterly basis. Actual costs to be incurred at identified sites in future periods may vary from the estimates, given inherent uncertainties in evaluating environmental exposures. The Company does not expect that any sum it may have to pay in connection with environmental matters in excess of the amounts recorded or disclosed above would have a material adverse effect on its financial position, results of operations or cash flows.

Derailment

One of the Company's production rail grinders derailed near Baxter, California on November 9, 2006, resulting in two crew member fatalities and the near total loss of the rail grinder. Government and private investigations into the cause of the derailment are on-going. Most of

the clean-up and salvage efforts were completed during 2007, and the site is in a closure monitoring phase. Estimated environmental remediation expenses to complete the clean-up have been recognized in the financial statements as of December 31, 2008. Following the incident, the Company's remaining rail grinders were inspected by the Federal Railroad Administration ("FRA") and each grinder was found to be in compliance with legal requirements. The Company also regularly inspects its grinders to ensure they are in proper working condition and in compliance with contractual commitments. The Company believes that the insurance proceeds already received from the loss of the rail grinder have offset the majority of incurred expenses, which have been recognized in the financial statements as of December 31, 2008, and insurance proceeds should be available to cover any future liabilities. Therefore, the Company does not believe that the derailment will have a material adverse effect on its financial position, results of operations, or cash flows.

Customer Contract Breach

ArcelorMittal recently notified the Company that it would unilaterally revise the fixed fee provisions of certain contracts between the parties with the intended effect resulting in a significant price reduction to the Company. The Company has notified ArcelorMittal that their actions are a breach of these contracts and that the Company will take all necessary and appropriate actions to protect its legal rights. Discussions between the parties continue but it is possible that the parties may need to resort to third party resolution of this issue. ArcelorMittal represented approximately 10% of the Company's sales in 2008, 2007 and 2006. The Company expects ArcelorMittal sales in 2009 to be less than 10% of the Company's sales due primarily to reduced steel production levels; the Company's exiting of certain underperforming contracts with ArcelorMittal; and a stronger U.S. dollar. It is possible that the eventual outcome of this unprecedented breach of contract could negatively impact the Company's long-term relationship with this customer and, as a result, the Company's financial position, results of operations and cash flows could be negatively impacted. Of all of the Company's major customers in the Harsco Metals Segment, the EVA on contracts with ArcelorMittal are the lowest in the portfolio. Contracts with ArcelorMittal are long-term contracts, such that any impact on the Company's future results of operations would occur over a number of years.

Other

The Company has been named as one of many defendants (approximately 90 or more in most cases) in legal actions alleging personal injury from exposure to airborne asbestos over the past several decades. In their suits, the plaintiffs have named as defendants, among others, many manufacturers, distributors and installers of numerous types of equipment or products that allegedly contained asbestos.

The Company believes that the claims against it are without merit. The Company has never been a producer, manufacturer or processor of asbestos fibers. Any component within a Company product which may have contained asbestos would have been purchased from a supplier. Based on scientific and medical evidence, the Company believes that any asbestos exposure arising from normal use of any Company product never presented any harmful levels of airborne asbestos exposure, and moreover, the type of asbestos contained in any component that was used in those products was protectively encapsulated in other materials and is not associated with the types of injuries alleged in the pending suits. Finally, in most of the depositions taken of plaintiffs to date in the litigation against the Company, plaintiffs have failed to specifically identify any Company products as the source of their asbestos exposure.

The majority of the asbestos complaints pending against the Company have been filed in New York. Almost all of the New York complaints contain a standard claim for damages of \$20 million or \$25 million against the approximately 90 defendants, regardless of the individual plaintiff's alleged medical condition, and without specifically identifying any Company product as the source of plaintiff's asbestos exposure.

As of December 31, 2008, there are 26,235 pending asbestos personal injury claims filed against the Company. Of these cases, 25,728 were pending in the New York Supreme Court for New York County in New York State. The other claims, totaling 507, are filed in various counties in a number of state courts, and in certain Federal District Courts (including New York), and those complaints generally assert lesser amounts of damages than the New York State court cases or do not state any amount claimed.

As of December 31, 2008, the Company has obtained dismissal by stipulation, or summary judgment prior to trial, in 17,892 cases.

In view of the persistence of asbestos litigation nationwide, which has not yet been sufficiently addressed either politically or legally, the Company expects to continue to receive additional claims. However, there have been developments during the past several years, both by certain state legislatures and by certain state courts, which could favorably affect the Company's ability to defend these asbestos claims in those jurisdictions. These developments include procedural changes, docketing changes, proof of damage requirements and other changes that require plaintiffs to follow specific procedures in bringing their claims and to show proof of damages before they can proceed with their claim. An example is the action taken by the New York Supreme Court (a trial court), which is responsible for managing all asbestos cases pending within New York County in the State of New York. This Court issued an order in December 2002 that created a Deferred or Inactive Docket for all pending and future asbestos claims filed by plaintiffs who cannot demonstrate that they have a malignant condition or discernable physical impairment, and an Active or In Extremis

Docket for plaintiffs who are able to show such medical condition. As a result of this order, the majority of the asbestos cases filed against the Company in New York County have been moved to the Inactive Docket until such time as the plaintiff can show that they have incurred a physical impairment. As of December 31, 2008, the Company has been listed as a defendant in 443 Active or In Extremis asbestos cases in New York County. The Court's Order has been challenged by plaintiffs.

The Company's insurance carrier has paid all legal and settlement costs and expenses to date. The Company has liability insurance coverage under various primary and excess policies that the Company believes will be available, if necessary, to substantially cover any liability that might ultimately be incurred on these claims.

The Company intends to continue its practice of vigorously defending these cases as they are listed for trial. It is not possible to predict the ultimate outcome of asbestos-related lawsuits, claims and proceedings due to the unpredictable nature of personal injury litigation. Despite this uncertainty, and although results of operations and cash flows for a given period could be adversely affected by asbestos-related lawsuits, claims and proceedings, management believes that the ultimate outcome of these cases will not have a material adverse effect on the Company's financial condition, results of operations or cash flows.

The Company is subject to various other claims and legal proceedings covering a wide range of matters that arose in the ordinary course of business. In the opinion of management, all such matters are adequately covered by insurance or by accruals, and if not so covered, are without merit or are of such kind, or involve such amounts, as would not have a material adverse effect on the financial position, results of operations or cash flows of the Company.

Insurance liabilities are recorded in accordance with SFAS 5, "Accounting for Contingencies." Insurance reserves have been estimated based primarily upon actuarial calculations and reflect the undiscounted estimated liabilities for ultimate losses including claims incurred but not reported. Inherent in these estimates are assumptions which are based on the Company's history of claims and losses, a detailed analysis of existing claims with respect to potential value, and current legal and legislative trends. If actual claims differ from those projected by management, changes (either increases or decreases) to insurance reserves may be required and would be recorded through income in the period the change was determined. When a recognized liability is covered by third-party insurance, the Company records an insurance claim receivable to reflect the covered liability. Insurance claim receivables are included in Other receivables in the Company's Consolidated Balance Sheets. See Note 1, "Summary of Significant Accounting Policies," for additional information on Accrued Insurance and Loss Reserves.

Notes to Consolidated Financial Statements

As has been indicated in previous disclosure filings, the working capital adjustments associated with the Gas Technologies divestiture have not yet been finalized. The Company has reflected a portion of the claimed amount of the adjustment in the Company's financial statements as of December 31, 2008. Any additional final adjustment amounts are not expected to be material to the Company's financial position, results of operations or cash flows. As part of its effort to resolve the working capital adjustment claims, the Company recently submitted this matter to arbitration. In response to this filing, Taylor-Wharton International, the purchaser of the business, submitted certain counter-claims seeking damages in excess of \$30 million, relating primarily to the alleged breach of certain representations and warranties made by the Company under the Purchase Agreement. The Company intends to vigorously defend against the counter-claims. The Company believes that it will be successful in its defense of these claims and does not believe that any amount it will have to pay in connection with these claims would have a material adverse effect on its financial position, results of operations or cash flows.

11 Capital Stock

The authorized capital stock of the Company consists of 150,000,000 shares of common stock and 4,000,000 shares of preferred stock, both having a par value of \$1.25 per share. The preferred stock is issuable in series with terms as fixed by the Board of Directors (the "Board"). None of the preferred stock has been issued. On September 25, 2007, the Board approved a revised Preferred Stock Purchase Rights Agreement (the "Agreement"). Under the Agreement, the Board authorized and declared a dividend distribution to stockholders of record on October 9, 2007, of one right for each share of common stock outstanding on the record date. The rights may only be exercised if, among other things and with certain exceptions, a person or group has acquired 15% or more of the Company's common stock without the prior approval of the Board. Each right entitles the holder to purchase 1/100th share of Harsco Series A Junior Participating Cumulative Preferred Stock at an exercise price of \$230. Once the rights become exercisable, the holder of a right will be entitled, upon payment of the exercise price, to purchase a number of shares of common stock calculated to have a value of two times the exercise price of the right. The rights, which expire on October 9, 2017, do not have voting power, and may be redeemed by the Company at a price of \$0.001 per right at any time until the 10th business day following public announcement that a person or group has accumulated 15% or more of the Company's common stock. The

Agreement also includes an exchange feature. At December 31, 2008, 801,745 shares of \$1.25 par value preferred stock were reserved for issuance upon exercise of the rights.

On January 23, 2007, the Company's Board of Directors approved a two-for-one stock split of the Company's common stock. One additional share of common stock was issued on March 26, 2007, for each share that was issued and outstanding at the close of business on February 28, 2007. The Company's treasury stock was not included in the stock split.

The Board of Directors has authorized the repurchase of shares of common stock as follows:

	No. of Shares Authorized to be Purchased January 1 ^(a)	Additional Shares Authorized for Purchase	No. of Shares Purchased ^(a)	Remaining No. of Shares Authorized for Purchase December 31 ^(a)
2006	2,000,000	—	—	2,000,000
2007	2,000,000	—	—	2,000,000
2008	2,000,000	4,000,000	4,463,353	1,536,647

(a) Authorization and number of shares purchased adjusted to reflect the two-for-one stock split effective at the end of business on March 26, 2007.

The Company's share repurchase program was extended by the Board of Directors in September 2008. The Board authorized an increase of 4,000,000 shares to the 946,367 remaining from the Board's previous stock repurchase authorization. The repurchase program expires January 31, 2010.

In addition to the above purchases, 29,346 shares were repurchased in 2008 in connection with the issuance of shares as a result of vested restricted stock units. In 2007 and 2006, 90 treasury shares and 1,766 treasury shares, respectively, were issued in connection with SGB stock option exercises, employee service awards, and shares related to vested restricted stock units.

The following table summarizes the Company's common stock:

Common Stock ^(a)			
	Shares Issued	Treasury Shares	Outstanding Shares
Outstanding, January 1, 2006	110,040,961	26,474,609	83,566,352
Stock Options Exercised	468,157	(681)	468,838
Other	1,085	(1,085)	2,170
Outstanding, December 31, 2006	110,510,203	26,472,843	84,037,360
Stock Options Exercised	422,416	—	422,416
Other	—	(90)	90
Outstanding, December 31, 2007	110,932,619	26,472,753	84,459,866
Stock Options Exercised	121,176	—	121,176
Vested Restricted Stock Units	86,193	29,346	56,847
Purchases	—	4,463,353	(4,463,353)
Outstanding, December 31, 2008	111,139,988	30,965,452	80,174,536

(a) All share data has been restated for comparison purposes to reflect the effect of the March 2007 stock split.

The following is a reconciliation of the average shares of common stock used to compute basic earnings per common share to the shares used to compute diluted earnings per common share as shown on the Consolidated Statements of Income:

<i>(Amounts in thousands, except per share data)</i>	2008	2007	2006 ^(a)
Income from continuing operations	\$245,623	\$255,115	\$186,402 ^(b)
Average shares of common stock outstanding used to compute basic earnings per common share	83,599	84,169	83,905
Dilutive effect of stock options and restricted stock units	430	555	525
Average shares of common stock outstanding used to compute dilutive earnings per common share	84,029	84,724	84,430
Basic earnings per common share from continuing operations	\$ 2.94	\$ 3.03	\$ 2.22
Diluted earnings per common share from continuing operations	\$ 2.92	\$ 3.01	\$ 2.21

(a) Shares have been adjusted for comparison purposes to reflect the effect of the March 2007 stock split.

(b) Income from continuing operations has been adjusted to reflect reclassification of Discontinued Operations for comparative purposes.

All outstanding stock options were included in the computation of average shares of common stock outstanding used to compute diluted earnings per share at December 31, 2008, 2007 and 2006.

12 Stock-Based Compensation

Effective January 1, 2006, the Company adopted SFAS No. 123 (revised 2004), "Share-Based Payments" ("SFAS 123(R)"), which replaced SFAS No. 123, "Accounting for Stock-Based Compensation," and superseded Accounting Principles Board ("APB") Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB 25"). SFAS 123(R) requires the cost of employee services received in exchange for an award of equity instruments to be based upon the grant-date fair value of the award (with limited exceptions). Additionally, this cost is to be recognized as expense over the period during which an employee is required to provide services in exchange for the award (usually the vesting period). However, this recognition period would be shorter if the recipient becomes retirement-eligible prior to the vesting date. SFAS 123(R) also requires that the additional tax benefits the Company receives from stock-based compensation be recorded as cash inflows from financing activities in the statement of cash flows. Prior to January 1, 2006, the Company applied the provisions of APB 25 in accounting for awards made under the Company's stock-based compensation plans.

The Company adopted the provisions of SFAS 123(R) using the modified-prospective transition method. Under this method, results from prior periods have not been restated. During 2002 and 2003, the Company ceased granting stock options to employees and non-employee

directors, respectively. Primarily because of this, the effect of adopting SFAS 123(R) was not material to the Company's income from continuing operations, income before income taxes, net income, basic or diluted earnings per share or cash flows from operating and financing activities for the year ended December 31, 2006, and the cumulative effect of adoption using the modified-prospective transition method was not material. In addition, the Company elected to use the short-cut transition method for calculating the historical pool of windfall tax benefits.

In 2004, the Board of Directors approved the granting of performance-based restricted stock units as the long-term equity component of director, officer and certain key employee compensation. The restricted stock units require no payment from the recipient and compensation cost is measured based on the market price on the grant date and is generally recorded over the vesting period. The vesting period for restricted stock units granted to non-employee directors is one year and each restricted stock unit will be exchanged for a like number of shares of Company stock following the termination of the participant's service as a director. The vesting period for restricted stock units granted to officers and certain key employees is three years, and, upon vesting, each restricted stock unit will be exchanged for a like number of shares of the Company's stock. In September 2006, the Board of Directors approved changes to the employee restricted stock units program where future awards will vest on a pro rata basis over a three-year period and the specified retirement age will be 62. This compares with the prior three-year cliff vesting and retirement age of 65 for awards prior to September 2006. Restricted stock units do not have an option for cash payment.

The following table summarizes restricted stock units issued and the compensation expense (including both continuing and discontinued operations) recorded for the years ended December 31, 2008, 2007 and 2006:

Stock-Based Compensation Expense			Expense		
<i>(Dollars in thousands, except per unit)</i>	Restricted Stock Units	Fair Value per Unit	2008	2007	2006
Directors:					
May 1, 2005 ^(a)	12,000	\$26.88	\$ —	\$ —	\$ 108
May 1, 2006 ^(a)	16,000	41.30	—	220	440
May 1, 2007	16,000	50.62	270	539	—
May 1, 2008	16,000	58.36	623	—	—
Employees:					
January 24, 2005 ^(a)	65,400	25.21	21	328	477
January 24, 2006 ^(a)	93,100	33.85	632	839	914
January 22, 2007	101,700	38.25	1,035	1,488	—
January 22, 2008	130,950	45.95	2,652	—	—
Total	451,150		\$5,233	\$3,414	\$1,939

(a) Restricted stock units and fair values have been restated to reflect the March 2007 two-for-one stock split.

Notes to Consolidated Financial Statements

Restricted stock unit activity for the years ended December 31, 2008, 2007 and 2006 was as follows:

	Restricted Stock Units ^(a)	Weighted Average Grant-Date Fair Value ^(a)
Nonvested at January 1, 2006	63,500	\$25.31
Granted	109,100	34.94
Vested	(15,666)	36.59
Forfeited	(11,700)	30.90
Nonvested at December 31, 2006	145,234	\$30.88
Granted	117,700	39.93
Vested	(16,000)	47.51
Forfeited	(35,000)	34.06
Nonvested at December 31, 2007	211,934	\$34.12
Granted	146,950	47.30
Vested	(95,570)	34.43
Forfeited	(5,584)	39.78
Nonvested at December 31, 2008	257,730	\$41.40

(a) Restricted stock units and fair values have been restated to reflect the March 2007 two-for-one stock split.

As of December 31, 2008, the total unrecognized compensation cost related to nonvested restricted stock units was \$4.1 million, which is expected to be recognized over a weighted-average period of approximately 1.7 years.

As of December 31, 2008, 2007 and 2006, excess tax benefits, resulting principally from stock options, were \$1.7 million, \$5.1 million and \$3.6 million, respectively.

No stock options have been granted to officers and employees since February 2002. No stock options have been granted to non-employee directors since May 2003. Prior to these dates, the Company had granted stock options for the purchase of its common stock to officers, certain key employees and non-employee directors under two stockholder-approved plans. The exercise price of the stock options was the fair value on the grant date, which was the date the Board of Directors approved the respective grants. The 1995 Executive Incentive Compensation Plan authorizes the issuance of up to 8,000,000 shares of the Company's common stock for use in paying incentive compensation awards in the form of stock options or other equity awards such as restricted stock, restricted stock units or stock appreciation rights. The 1995 Non-Employee Directors' Stock Plan authorizes the issuance of up to 600,000 shares of the Company's common stock for equity awards. At December 31, 2008, there were 2,292,396 and 265,000 shares available for granting equity awards under the 1995 Executive Incentive Compensation Plan and the 1995 Non-Employee Directors' Stock Plan, respectively. The above referenced authorized and available shares for

the Executive Incentive Compensation and Non-Employee Directors' Stock Plans are stated on a post-split basis. Generally, new shares are issued for exercised stock options and vested restricted stock units.

Options issued under the 1995 Executive Incentive Compensation Plan generally vested and became exercisable one year following the date of grant except options issued in 2002 generally vested and became exercisable two years following the date of grant. Options issued under the 1995 Non-Employee Director's Stock Plan generally became exercisable one year following the date of grant but vested immediately. The options under both Plans expire ten years from the date of grant.

Stock option activity for the years ended December 31, 2008, 2007 and 2006 was as follows:

	Shares Under Option ^(a)	Weighted Average Exercise Price ^(a)	Aggregate Intrinsic Value (in millions) ^(b)
Outstanding, January 1, 2006	1,498,050 ^(c)	\$15.97	\$26.9
Exercised	(468,838)	17.03	—
Terminated and Expired	(1,800)	14.38	—
Outstanding, December 31, 2006	1,027,412	\$15.49	\$23.4
Exercised	(422,416)	15.74	—
Outstanding, December 31, 2007	604,996	\$15.30	\$29.9
Exercised	(121,176)	14.96	—
Outstanding, December 31, 2008	483,820	\$15.39	\$ 5.7

(a) Stock options and weighted average exercise prices have been restated to reflect the March 2007 two-for-one stock split.

(b) Intrinsic value is defined as the difference between the current market value and the exercise price.

(c) Included in options outstanding at January 1, 2006 were 681 options granted to SGB key employees as part of the Company's acquisition of SGB in 2000. These options were not a part of the 1995 Executive Incentive Compensation Plan, or the 1995 Non-Employee Directors' Stock Plan.

The total intrinsic value of options exercised during the twelve months ended December 31, 2008, 2007 and 2006 was \$4.5 million, \$17.1 million and \$10.8 million, respectively.

Options to purchase 483,820 shares were exercisable at December 31, 2008. The following table summarizes information concerning outstanding and exercisable options at December 31, 2008.

Stock Options Outstanding and Exercisable ^(a)			
Range of Exercisable Prices	Number Outstanding and Exercisable	Remaining Contractual Life In Years	Weighted Average Exercise Price
\$12.81–14.50	219,715	1.43	\$13.64
14.65–16.33	197,905	3.02	16.29
16.40–23.08	66,200	3.47	18.51
	483,820		

(a) All share and price values reflect the effect of the March 2007 two-for-one stock split.

13 Financial Instruments

Off-Balance Sheet Risk

As collateral for the Company's performance and to insurers, the Company is contingently liable under standby letters of credit, bonds and bank guarantees in the amounts of \$234.1 million and \$159.2 million at December 31, 2008 and 2007, respectively. These standby letters of credit, bonds and bank guarantees are generally in force for up to four years. Certain issues have no scheduled expiration date. The Company pays fees to various banks and insurance companies that range from 0.25 percent to 1.60 percent per annum of the instruments' face value. If the Company were required to obtain replacement standby letters of credit, bonds and bank guarantees as of December 31, 2008 for those currently outstanding, it is the Company's opinion that based on current economic conditions the replacement costs would be higher than the present fee structure.

The Company has currency exposures in approximately 50 countries. The Company's primary foreign currency exposures during 2008 were in the United Kingdom, members of the European Economic and Monetary Union, Brazil, Poland and South Africa.

Off-Balance Sheet Risk – Third Party Guarantees

In connection with the licensing of one of the Company's trade names and providing certain management services (the furnishing of selected employees), the Company guarantees the debt of certain third parties related to its international operations. These guarantees are provided to enable the third parties to obtain financing of their operations. The Company receives fees from these operations, which are included as Services revenues in the Company's Consolidated Statements of Income. The revenue the Company recorded from these entities was \$6.3 million, \$3.0 million and \$2.2 million for the twelve months ended December 31, 2008, 2007 and 2006, respectively. The guarantees are renewed on an annual basis and the Company would only be required to perform under the guarantees if the third parties default on their debt. The maximum potential amount of future payments (undiscounted) related to these guarantees was \$2.9 million at December 31, 2008 and 2007. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making these payments is remote. These guarantees were renewed in June 2008, September 2008 and November 2008.

The Company provided an environmental indemnification for properties that were sold to a third party in 2007. The maximum term of this guarantee is twenty years, and the Company would only be required to perform under the guarantee if an environmental matter is discovered on the properties. The Company is not aware of environmental issues

related to these properties. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provided an environmental indemnification for property that was sold to a third party in 2006. The term of this guarantee is three years and the Company would only be required to perform under the guarantee if an environmental matter were discovered on the property. The Company is not aware of any environmental issues related to the property. The maximum potential amount of future payments (undiscounted) related to this guarantee is \$0.2 million at December 31, 2008 and 2007. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provided an environmental indemnification for property that was sold to a third party in 2006. The term of this guarantee is indefinite, and the Company would only be required to perform under the guarantee if an environmental matter were discovered on the property relating to the time the Company owned the property. The Company is not aware of any environmental issues related to this property. The maximum potential amount of future payments (undiscounted) related to this guarantee is estimated to be \$3.0 million at December 31, 2008 and 2007. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provides guarantees related to arrangements with certain customers that include joint and several liability for actions for which the Company may be partially at fault. The terms of these guarantees generally do not exceed four years and the maximum amount of future payments (undiscounted) related to these guarantees is \$3.0 million per occurrence. This amount represents the Company's self-insured maximum limitation. There is no specific recognition of potential future payments in the accompanying financial statements as the Company is not aware of any claims.

The Company provided a guarantee related to the payment of taxes for a product line that was sold to a third party in 2005. The term of this guarantee is five years, and the Company would only be required to perform under the guarantee if taxes were not properly paid to the government while the Company owned the product line in accordance with applicable statutes. The Company is not aware of any instances of noncompliance related to these statutes. The maximum potential amount of future payments (undiscounted) related to this guarantee is estimated to be \$1.3 million at December 31, 2008 and 2007. There is no recognition of any potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

Notes to Consolidated Financial Statements

The Company provided an environmental indemnification for property that was sold to a third party in 2004. The term of this guarantee is seven years and the Company would only be required to perform under the guarantee if an environmental matter were discovered on the property relating to the time the Company owned the property that was not known by the buyer at the date of sale. The Company is not aware of any environmental issues related to this property. The maximum potential amount of future payments (undiscounted) related to this guarantee is \$0.8 million at December 31, 2008 and 2007. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

Liabilities for the fair value of each of the guarantee instruments noted above were recognized in accordance with FASB Interpretation No. 45, "Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others" ("FIN 45"). These liabilities are included in Other current liabilities or Other liabilities (as appropriate) on the Consolidated Balance Sheets. The recognition of these liabilities did not have a material impact on the Company's financial condition or results of operations for the twelve months ended December 31, 2008 or 2007.

In the normal course of business, the Company provides legal indemnifications related primarily to the performance of its products and services and patent and trademark infringement of its goods and services sold. These indemnifications generally relate to the performance (regarding function, not price) of the respective goods or services and therefore no liability is recognized related to the fair value of such guarantees.

Derivative Instruments and Hedging Activities

The Company conducts business in many different currencies and, accordingly, is subject to the inherent risks associated with foreign exchange rate movements. The financial position and results of operations of substantially all of the Company's foreign subsidiaries are measured using the local currency as the functional currency. Foreign currency denominated assets and liabilities are translated into U.S. dollars at the exchange rates existing at the respective balance sheet dates, and income and expense items are translated at the average exchange rates during the respective periods. The aggregate effects of translating the balance sheets of these subsidiaries are deferred as a separate component of stockholders' equity.

The Company has used derivative instruments, including swaps and forward contracts, to manage certain foreign currency, commodity price and interest rate exposures. Derivative instruments are viewed as risk management tools by the Company and are not used for trading or speculative purposes.

All derivative instruments are recorded on the balance sheet at fair value. Derivatives used to hedge foreign-currency-denominated balance sheet items are reported directly in earnings along with offsetting transaction gains and losses on the items being hedged. Derivatives used to hedge forecasted cash flows associated with foreign currency commitments or forecasted commodity purchases may be accounted for as cash flow hedges, as deemed appropriate and if the criteria of SFAS 133 are met. Gains and losses on derivatives designated as cash flow hedges are deferred as a separate component of stockholders' equity and reclassified to earnings in a manner that matches the timing of the earnings impact of the hedged transactions. The ineffective portion of all hedges, if any, is recognized currently in earnings.

Commodity Derivatives

The Company may periodically use derivative instruments to hedge cash flows associated with selling price exposure to certain commodities. The Company's commodity derivative activities are subject to the management, direction and control of the Company's Risk Management Committee, which approves the use of all commodity derivative instruments.

The following tables summarize the open positions of contracts qualifying as cash flow hedges at December 31, 2008 and 2007 under the requirements of SFAS 133. All contracts are with major financial institutions. The Company may be exposed to credit loss in the event of non-performance by the other parties to the contracts. The Company evaluates the creditworthiness of the counterparties and does not expect default by them.

Commodity Cash Flow Hedges as of December 31, 2008

(In thousands)

Hedge Type	Notional Value ^(a)	Amount Recognized in	
		Operating Income from Continuing Operations in 2008	Other Comprehensive Income ^(b)
Swap contracts; unsecured, maturing monthly through December 2009	\$10,923	\$ 102	\$4,377 ^(c)
Swap contracts and cashless collars closed in 2008	—	6,277	—

(a) Notional value is equal to the hedged volume multiplied by the strike price of the derivative.

(b) Amounts are shown pre-tax.

(c) All amounts will be reclassified to earnings over the next twelve months.

Commodity Cash Flow Hedges as of December 31, 2007

(In thousands)

Hedge Type	Notional Value ^(a)	Amount Recognized in	
		Operating Income from Continuing Operations in 2007	Other Comprehensive Income ^(b)
Cashless Collars; unsecured, maturing monthly through November 2008	\$6,048	\$527	\$—

(a) Notional value is equal to the hedged volume multiplied by the strike price of the derivative.

(b) Amounts are shown pre-tax.

Although earnings volatility may occur between fiscal quarters due to hedge ineffectiveness or if the derivatives do not qualify as cash flow hedges under SFAS 133, the economic substance of the derivatives provides more predictable cash flows by reducing the Company's exposure to the commodity price fluctuations.

Foreign Currency Forward Exchange Contracts

The Company may use derivative instruments to hedge cash flows related to foreign currency fluctuations. At December 31, 2008 and 2007, the Company had \$293.9 million and \$392.2 million contracted amounts, respectively, of foreign currency forward exchange contracts outstanding. These contracts are part of a worldwide program to minimize foreign currency exchange operating income and balance sheet exposure. The unsecured contracts outstanding at December 31, 2008 mature within nine months and are with major financial institutions. The Company may be exposed to credit loss in the event of non-performance by the other parties to the contracts. The Company evaluates the creditworthiness of the counterparties and does not expect default by them. Foreign currency forward exchange contracts are used to hedge commitments, such as foreign currency debt, firm purchase commitments and foreign currency cash flows for certain export sales transactions.

The following tables summarize by major currency the contractual amounts of the Company's forward exchange contracts in U.S. dollars as of December 31, 2008 and 2007. The "Buy" amounts represent the U.S. dollar equivalent of commitments to purchase foreign currencies, and the "Sell" amounts represent the U.S. dollar equivalent of commitments to sell foreign currencies.

Forward Exchange Contracts

As of December 31, 2008				
(In thousands)	Type	U.S. Dollar Equivalent	Maturity	Recognized Gain (Loss)
Canadian dollar	Sell	\$ 1,342	January through September 2009	\$ (14)
Euros	Sell	19,749	January through March 2009	(248)
Euros	Buy	113,084	January through August 2009	5,625
British pounds sterling	Sell	56,671	January 2009	1,450
British pounds sterling	Buy	98,878	January through February 2009	(3,335)
South African rand	Sell	2,175	January 2009	(41)
Other currencies	Sell	292	January 2009	3
Other currencies	Buy	1,692	January through May 2009	(62)
Total		\$293,883		\$3,378

At December 31, 2008, the Company held forward exchange contracts which were used to offset certain future payments between the Company and its various subsidiaries, vendors or customers. The Company had outstanding forward contracts designated as SFAS 133 cash

flow hedges in the amount of \$2.1 million at December 31, 2008. These forward contracts had a net unrealized gain of \$6 thousand that was included in Other comprehensive income (loss), net of deferred taxes, at December 31, 2008. The Company did not elect to treat the remaining contracts as hedges under SFAS 133, and mark-to-market gains and losses were recognized in net income.

Forward Exchange Contracts

As of December 31, 2007				
(In thousands)	Type	U.S. Dollar Equivalent	Maturity	Recognized Gain (Loss)
Australian dollar	Sell	\$ 1,447	January 2008	\$ (36)
Canadian dollar	Buy	7,149	January 2008	150
Canadian dollar	Sell	4,008	January 2008	(83)
Euros	Buy	197,597	January 2008	1,859
Euros	Sell	9,005	January 2008	66
British pounds sterling	Buy	48,801	January through March 2008	(222)
British pounds sterling	Sell	115,489	January 2008	3,296
Mexican pesos	Sell	1,318	January 2008	10
South African rand	Sell	7,354	January through May 2008	(166)
Total		\$392,168		\$4,874

At December 31, 2007, the Company held forward exchange contracts which were used to offset certain future payments between the Company and its various subsidiaries, vendors or customers. The Company did not have any outstanding forward contracts designated as SFAS 133 cash flow hedges at December 31, 2007, and mark-to-market gains and losses were recognized in net income.

In addition to foreign currency forward exchange contracts, the Company designates certain loans as hedges of net investments in foreign subsidiaries. The Company recorded charges of \$7.6 million and \$12.8 million during 2008 and 2007, respectively, as Accumulated other comprehensive expense, which is a separate component of stockholders' equity, related to hedges of net investments.

Cross-Currency Interest Rate Swap

In May 2008, the Company entered into a ten-year, \$250.0 million cross-currency interest rate swap in conjunction with the May 2008 note issuance (see Note 6, "Debt and Credit Agreements") in order to lock in a fixed euro interest rate for \$250.0 million of the borrowing. Under the swap, the Company receives interest based on a fixed U.S. dollar rate and pays interest on a fixed euro rate on the outstanding notional principal amounts in dollars and euros, respectively. The cross-currency interest rate swap is recorded in the consolidated balance sheet at fair value, with changes in value attributed to the effect of the swaps' interest spread recorded in Accumulated other comprehensive income which is a separate component of stockholders' equity. At December 31, 2008, the fair value asset of the swap was \$49.4 million.

Notes to Consolidated Financial Statements

Concentrations of Credit Risk

Financial instruments, which potentially subject the Company to concentrations of credit risk, consist principally of cash and cash equivalents and accounts receivable. The Company places its cash and cash equivalents with high-quality financial institutions and, by policy, limits the amount of credit exposure to any one institution.

Concentrations of credit risk with respect to accounts receivable are generally limited in the Harsco Infrastructure Segment and the "All Other" Category due to the Company's large number of customers and their dispersion across different industries and geographies. However, the Company's Harsco Metals Segment has several large customers throughout the world with significant accounts receivable balances. Additionally, consolidation in the global steel industry has increased the Company's exposure to specific customers. Additional consolidation is possible. Should transactions occur involving some of the steel industry's larger companies, which are customers of the Company, it would result in an increase in concentration of credit risk for the Company.

The Company generally does not require collateral or other security to support customer receivables. If a receivable from one or more of the Company's larger customers becomes uncollectible, it could have a material effect on the Company's results of operations or cash flows.

Fair Value of Financial Instruments

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable, accrued liabilities, and short-term borrowings approximate fair value due to the short-term maturities of these assets and liabilities. At December 31, 2008 and 2007, total fair value of long-term debt, including current maturities, was \$900 million and \$1,049 million, respectively, compared to carrying value of \$895 million and \$1,020 million, respectively. Fair values for debt are based on quoted market prices for the same or similar issues or on the current rates offered to the Company for debt of the same remaining maturities.

Effective January 1, 2008, the Company adopted SFAS 157, as amended by FSP SFAS 157-2, which provides a framework for measuring fair value under GAAP. As defined in SFAS 157, fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (exit price). The Company utilizes market data or assumptions that the Company believes market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique.

This standard is now the single source in GAAP for the definition of fair value, except for the fair value of leased property as defined in SFAS 13. SFAS 157 establishes a fair value hierarchy that distinguishes

between (1) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (2) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under SFAS 157 are described below:

- **Level 1** – Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.
- **Level 2** – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, including quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates); and inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- **Level 3** – Inputs that are both significant to the fair value measurement and unobservable.

In instances in which multiple levels of inputs are used to measure fair value, hierarchy classification is based on the lowest level input that is significant to the fair value measurement in its entirety. The Company's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the asset or liability.

The following table presents information about the Company's assets and liabilities measured at fair value on a recurring basis at December 31, 2008, and indicates the fair value hierarchy of the valuation techniques utilized by the Company to determine such fair value.

Fair Value Measurements as of December 31, 2008

(In thousands)	Level 1	Level 2	Level 3	Total
Assets				
Commodity derivatives	—	\$ 4,479	—	\$ 4,479
Foreign currency forward exchange contracts	—	7,332	—	7,332
Cross-currency interest rate swap	—	49,433	—	49,433
Liabilities				
Foreign currency forward exchange contracts	—	3,954	—	3,954

The Company primarily applies the market approach for recurring fair value measurements and endeavors to utilize the best available

information. Accordingly, the Company utilizes valuation techniques that maximize the use of observable inputs, such as forward rates, interest rates, the Company's credit risk and counterparties' credit risks, and minimize the use of unobservable inputs. The Company is able to classify fair value balances based on the observability of those inputs. Commodity derivatives, foreign currency forward exchange contracts, and cross-currency interest rate swaps are classified as Level 2 fair value based upon pricing models using market-based inputs. Model inputs can be verified and valuation techniques do not involve significant management judgment.

FSP SFAS 157-2, issued in February 2008, delayed until January 1, 2009 the effective date of SFAS 157 for nonfinancial assets and nonfinancial liabilities that are measured on a nonrecurring basis. The Company's nonfinancial assets consist principally of property, plant and equipment, goodwill, and other intangible assets associated with acquired businesses. For these assets, measurement at fair value in periods subsequent to their initial recognition will be applicable if one or more of these assets are determined to be impaired. When and if recognition of these assets at their fair value is necessary, such measurements would be determined utilizing principally Level 3 inputs.

14 Information by Segment and Geographic Area

The Company reports information about its operating segments using the "management approach" in accordance with SFAS No. 131, "Disclosures about Segments of an Enterprise and Related Information" ("SFAS 131"). This approach is based on the way management organizes and reports the segments within the enterprise for making operating decisions and assessing performance. The Company's reportable segments are identified based upon differences in products, services and markets served.

The Company has two reportable segments and an "All Other" category labeled Harsco Minerals & Rail. These segments and the types of products and services offered include the following:

Harsco Infrastructure Segment

Major services include project engineering and equipment installation; as well as the rental and sale of scaffolding, shoring and concrete forming systems for industrial maintenance and capital improvement projects, non-residential construction, and international multi-dwelling residential construction projects.

Services are provided to industrial and petrochemical plants; the infrastructure construction, repair and maintenance markets; commercial and industrial construction contractors; and public utilities.

Harsco Metals Segment

This segment provides on-site, outsourced services to steel mills and other metal producers such as aluminum and copper. Services include slag processing; semi-finished inventory management; material handling; scrap management; in-plant transportation; and a variety of other services.

All Other Category – Harsco Minerals & Rail

Major products and services include railway track maintenance equipment and services; minerals and recycling technologies; granules for asphalt roofing shingles and abrasives for industrial surface preparation derived from coal slag; industrial grating; air-cooled heat exchangers; and boilers, water heaters and process equipment, including industrial blenders, dryers and mixers.

Major customers include private and government-owned railroads and urban mass transit systems worldwide; steel mills; industrial plants and the non-residential, commercial and public construction and retrofit markets; the natural gas exploration and processing industry; asphalt roofing manufacturers; and the chemical, food processing and pharmaceutical industries.

Other Information

The measurement basis of segment profit or loss is operating income. Sales of the Company in the United States and the United Kingdom exceeded 10% of consolidated sales with 32% and 17%, respectively, in 2008; 31% and 20%, respectively, in 2007; and 32% and 22%, respectively, in 2006. There are no significant inter-segment sales.

In 2008, 2007 and 2006, sales to one customer, ArcelorMittal, principally in the Harsco Metals Segment were \$416.6 million, \$396.2 million and \$351.0 million, respectively, which represented more than 10% of the Company's consolidated sales for those years. These sales were provided under multiple long-term contracts at several mill sites. In addition, the Harsco Metals Segment is dependent largely on the global steel industry, and in 2008, 2007 and 2006 there were two customers, including ArcelorMittal, that each provided in excess of 10% of this Segment's revenues under multiple long-term contracts at several mill sites. The loss of any one of these contracts would not have a material adverse impact upon the Company's financial position or cash flows; however, it could have a material effect on quarterly or annual results of operations. Additionally, these customers have significant accounts receivable balances. Further consolidation in the global steel industry is possible. Should transactions occur involving some of the Company's larger steel industry customers, it would result in an increase in concentration of credit risk for the Company.

Notes to Consolidated Financial Statements

Corporate assets include principally cash, insurance receivables, prepaid pension costs and U.S. deferred income taxes. Net Property, Plant and Equipment in the United States represented 24%, 24% and 30% of total net Property, Plant and Equipment as of December 31, 2008, 2007 and 2006, respectively. Net Property, Plant and Equipment in the United Kingdom represented 15%, 20% and 23% of total Net Property, Plant and Equipment as of December 31, 2008, 2007 and 2006, respectively.

Segment Information

	Twelve Months Ended December 31,					
	2008		2007		2006	
(In thousands)	Sales	Operating Income (Loss)	Sales	Operating Income (Loss)	Sales	Operating Income (Loss)
Harsco Infrastructure Segment	\$1,540,258	\$185,382	\$1,415,873	\$183,752	\$1,080,924	\$120,382
Harsco Metals Segment	1,577,720	85,344	1,522,274	134,504	1,366,530	147,798
Segment Totals	3,117,978	270,726	2,938,147	318,256	2,447,454	268,180
All Other Category – Harsco Minerals & Rail	849,604	150,922	749,997	142,191	578,159	77,466
General Corporate	240	(9,660)	16	(2,642)	–	(1,337)
Total	\$3,967,822	\$411,988	\$3,688,160	\$457,805	\$3,025,613	\$344,309

Reconciliation of Segment Operating Income to Consolidated Income from Continuing Operations Before Income Taxes and Minority Interest

(In thousands)	Twelve Months Ended December 31,		
	2008	2007	2006
Segment operating income	\$270,726	\$318,256	\$268,180
All Other Category – Harsco Minerals & Rail	150,922	142,191	77,466
General corporate expense	(9,660)	(2,642)	(1,337)
Operating income from continuing operations	411,988	457,805	344,309
Equity in income of unconsolidated entities, net	901	1,049	192
Interest income	3,608	4,968	3,582
Interest expense	(73,160)	(81,383)	(60,479)
Income from continuing operations before income taxes and minority interest	\$343,337	\$382,439	\$287,604

Segment Information

(In thousands)	Assets			Depreciation and Amortization ^(a)		
	2008	2007	2006	2008	2007	2006
Harsco Infrastructure Segment	\$1,607,171	\$1,563,630	\$1,239,892	\$110,227	\$ 90,477	\$ 69,781
Harsco Metals Segment	1,338,633	1,585,921	1,401,603	181,180	167,179	151,005
Gas Technologies Segment	–	–	271,367	–	–	–
Segment Totals	2,945,804	3,149,551	2,912,862	291,407	257,656	220,786
All Other Category – Harsco Minerals & Rail	565,348	587,182	287,482	42,580	44,498	18,922
Corporate	51,818	168,697	126,079	3,962	3,019	1,863
Total	\$3,562,970	\$3,905,430	\$3,326,423	\$337,949	\$305,173	\$241,571

(a) Excludes Depreciation and Amortization for the Gas Technologies Segment in the amounts of \$1.2 million and \$11.4 million for 2007 and 2006, respectively because this Segment was reclassified to Discontinued Operations.

Capital Expenditures

(In thousands)	2008	2007	2006
Harsco Infrastructure Segment	\$226,559	\$228,130	\$138,459
Harsco Metals Segment	205,766	193,244	161,651
Gas Technologies Segment	–	8,618	9,330
Segment Totals	432,325	429,992	309,440
All Other Category – Harsco Minerals & Rail	23,025	11,263	27,635
Corporate	2,267	2,328	3,098
Total	\$457,617	\$443,583	\$340,173

Information by Geographic Area ^(a)

(In thousands)	Revenues from Unaffiliated Customers ^(b)			Net Property, Plant and Equipment ^(c)		
	2008	2007	2006	2008	2007	2006
United States	\$1,260,967	\$1,152,623	\$ 959,486	\$ 361,071	\$ 364,950	\$ 401,997
United Kingdom	677,598	746,261	676,520	225,368	312,375	298,582
All Other	2,029,257	1,789,276	1,389,607	896,394	857,889	621,888
Totals including Corporate	\$3,967,822	\$3,688,160	\$3,025,613	\$1,482,833	\$1,535,214	\$1,322,467

(a) Revenues are attributed to individual countries based on the location of the facility generating the revenue.

(b) Excludes the sales of the Gas Technologies Segment.

(c) Includes net Property, Plant and Equipment for the Gas Technologies Segment for 2006.

Information about Products and Services

(In thousands)	Revenues from Unaffiliated Customers ^(a)		
	2008	2007	2006
Product Group			
Services and equipment for infrastructure construction and maintenance	\$1,540,258	\$1,415,873	\$1,080,924
On-site services to metal producers	1,577,720	1,522,274	1,366,530
Railway track maintenance services and equipment	277,595	232,402	231,625
Heat exchangers	174,513	152,493	124,829
Industrial grating products	149,168	130,919	107,048
Minerals and recycling technologies ^(b)	127,140	123,240	—
Industrial abrasives and roofing granules	74,118	68,165	73,112
Powder processing equipment and heat transfer products	47,070	42,778	41,545
General Corporate	240	16	—
Consolidated Revenues	\$3,967,822	\$3,688,160	\$3,025,613

(a) Excludes the sales of the Gas Technologies Segment.

(b) Acquired February 2007.

15 Other (Income) and Expenses

During 2008, 2007 and 2006, the Company recorded pre-tax Other (income) and expenses from continuing operations of \$22.0 million, \$3.4 million and \$2.5 million, respectively. The major components of this income statement category are as follows:

Other (Income) and Expenses

(In thousands)	2008	2007	2006
Net gains	\$(15,923)	\$(5,591)	\$(5,450)
Impaired asset write-downs	12,588	903	221
Employee termination benefit costs	19,027	6,552	3,495
Costs to exit activities	5,269	1,278	1,290
Other expense	989	301	2,920
Total	\$ 21,950	\$ 3,443	\$ 2,476

Net Gains

Net gains are recorded from the sales of redundant properties (primarily land, buildings and related equipment) and non-core assets. In 2008, gains related to assets sold principally in the United States, Australia and the United Kingdom. In 2007, gains related to assets sold principally in the United States and in 2006, gains related to assets sold principally in Europe, South America and the United States.

Net Gains

(In thousands)	2008	2007	2006
Harsco Infrastructure Segment	\$(10,399)	\$(2,342)	\$(2,510)
Harsco Metals Segment	(4,538)	(3)	(2,823)
All Other Category – Harsco Minerals & Rail	(986)	(3,246)	(117)
Total	\$(15,923)	\$(5,591)	\$(5,450)

Cash proceeds associated with these gains are included in Proceeds from the sale of assets in the investing activities section of the Consolidated Statements of Cash Flows.

Impaired Asset Write-downs

Impairment losses are measured as the amount by which the carrying amount of assets exceeded their fair value. Fair value is estimated based upon the expected future realizable cash flows including anticipated selling prices. Non-cash impaired asset write-downs are included in Other, net in the Consolidated Statements of Cash Flows as adjustments to reconcile net income to net cash provided by operating activities. In 2008, impaired asset write-downs of \$12.6 million were recorded principally in the Harsco Metals Segment due to contract terminations and costs associated with existing underperforming contracts. Impaired asset write-downs related to assets principally in Australia, the United Kingdom and the United States.

Notes to Consolidated Financial Statements

Employee Termination Benefit Costs

SFAS No. 146, "Accounting for Costs Associated with Exit or Disposal Activities," ("SFAS 146") addresses involuntary termination costs associated with one-time benefit arrangements provided as part of an exit or disposal activity. These costs and the related liabilities are recognized by the Company when a formal plan for reorganization is approved at the appropriate level of management and communicated to the affected employees. Additionally, costs associated with on-going benefit arrangements, or in certain countries where statutory requirements dictate a minimum required benefit, are recognized when they are probable and estimable, in accordance with SFAS No. 112, "Employers' Accounting for Postemployment Benefits," ("SFAS 112").

The total amount of employee termination benefit costs incurred for the years 2008, 2007 and 2006 is detailed in the table below. None of the actions are expected to incur any additional costs. The terminations in 2008 related primarily to the fourth quarter 2008 restructuring program and occurred globally, but primarily in Western Europe and the United States. The terminations in 2007 and 2006 occurred principally in Europe and the United States.

Employee Termination Benefit Costs

(In thousands)	2008	2007	2006
Harsco Infrastructure Segment	\$ 5,317	\$1,130	\$ 799
Harsco Metals Segment	11,961	4,935	1,820
All Other Category – Harsco Minerals & Rail	1,648	382	821
Corporate	101	105	55
Total	\$19,027	\$6,552	\$3,495

Costs Associated with Exit or Disposal Activities

Costs associated with exit or disposal activities are recognized in accordance with SFAS 146, which addresses involuntary termination costs (as discussed above) and other costs associated with exit or disposal activities (exit costs). Costs to terminate a contract that is not a capital lease are recognized when an entity terminates the contract or when an entity ceases using the right conveyed by the contract. This includes the costs to terminate the contract before the end of its term or the costs that will continue to be incurred under the contract for its remaining term without economic benefit to the entity (e.g., lease run-out costs). Other costs associated with exit or disposal activities (e.g., costs to consolidate or close facilities and relocate equipment or employees) are recognized and measured at their fair value in the period in which the liability is incurred. In 2008, \$5.3 million of exit costs were incurred, principally lease run-out costs and relocation costs for Corporate, and the Harsco Infrastructure and Harsco Metals Segments.

In 2007 and 2006, exit costs incurred were \$1.3 million in each year, and principally related to relocation costs, lease run-out costs and lease termination costs.

Costs Associated with Exit or Disposal Activities

(In thousands)	2008	2007	2006
Harsco Infrastructure Segment	\$1,724	\$ 803	\$ 146
Harsco Metals Segment	1,092	375	189
All Other Category – Harsco Minerals & Rail	5	100	955
Corporate	2,448	–	–
Total	\$5,269	\$1,278	\$1,290

See Note 17, "2008 Restructuring Program," for additional information on net gains, impaired asset write-downs, employee termination benefit costs and costs associated with exit and disposal activities.

16 Components of Accumulated Other Comprehensive Income (Loss)

Total Accumulated other comprehensive income (loss) is included in the Consolidated Statements of Stockholders' Equity. The components of Accumulated other comprehensive income (loss) are as follows:

Accumulated Other Comprehensive Income (Loss) – Net of Tax

	December 31	
(In thousands)	2008	2007
Cumulative foreign exchange translation adjustments	\$ 21,295	\$ 175,867
Fair value of effective cash flow hedges	21,001	189
Pension liability adjustments	(250,536)	(178,568)
Unrealized gain (loss) on marketable securities	(59)	11
Total Accumulated other comprehensive income (loss)	\$ (208,299)	\$ (2,501)

17 2008 Restructuring Program

As a result of the deepening financial and economic crisis, in the fourth quarter of 2008 the Company initiated a restructuring program designed to improve organizational efficiency and enhance profitability and shareholder value by generating sustainable operating expense savings. Under this program, the Company is principally exiting certain underperforming contracts with customers, closing certain facilities and reducing the global workforce. Restructuring costs were incurred primarily at the Harsco Metals and Harsco Infrastructure Segments. In the fourth quarter of 2008, the Company recorded net pre-tax restructuring and other related charges totaling \$36.1 million, including \$28.0 million in Other expenses, \$5.8 million reduction in services revenue, a net \$1.5 million related to pension curtailments and \$0.8 million of other costs. These restructuring actions are expected to be completed over the next twelve months, but principally in the first quarter of 2009.

At December 31, 2008, the Company completed workforce reductions of 407 employees of a total expected workforce reduction of 1,429 employees. The majority of the remaining workforce reductions and

cost to exit activities are targeted for completion during 2009, principally in the first quarter.

The restructuring accrual attributable to each segment at December 31 is as follows:

<i>(In thousands)</i>	Expense	Utilization of Reserves	Cash Expenditures	Remaining Accrual December 31 2008
Harsco Infrastructure Segment				
Impaired asset write-downs	\$ 1,147	\$ (1,147)	\$ —	\$ —
Employee termination benefit costs	2,286	—	(480)	1,806
Cost to exit activities and contracts	2,508	—	(545)	1,963
Pension curtailment gain	(973)	973	—	—
Total Harsco Infrastructure Segment	4,968	(174)	(1,025)	3,769
Harsco Metals Segment				
Impaired asset write-downs	1,268	(1,268)	—	—
Employee termination benefit costs	11,811	—	(1,923)	9,888
Cost to exit activities and contracts and related impaired asset write-downs	12,396	(11,740)	—	656
Pension curtailment charge	2,178	(2,178)	—	—
Total Harsco Metals Segment	27,653	(15,186)	(1,923)	10,544
All Other Category – Harsco Minerals & Rail				
Employee termination benefit costs	654	—	(123)	531
Pension curtailment charge	246	(246)	—	—
Total All Other Category – Harsco Minerals & Rail	900	(246)	(123)	531
Corporate				
Employee termination benefit costs	113	—	—	113
Cost to exit activities	2,448	—	—	2,448
Total Corporate	2,561	—	—	2,561
Total	\$36,082	\$(15,606)	\$(3,071)	\$17,405

The remaining cash expenditures related to the 2008 actions of \$17.4 million are expected to be paid within the next twelve months. The pension curtailment (gains) charges were recorded primarily as a component of cost of services sold. See Note 8, "Employee Benefit Plans," for additional information. Impaired asset write-downs are reflected

in the Consolidated Balance Sheets as a reduction in the value of the respective long-term assets. The cost to exit activities in the Harsco Metals Segment represents impaired asset write-downs of \$5.9 million and a customer concession of \$5.8 million, which were both directly related to the exiting of underperforming contracts. See Note 15, "Other (Income) and Expenses," for additional information.

Market Risks

Set forth below and elsewhere in this report and in other documents the Company files with the Securities and Exchange Commission are risks and uncertainties that could cause the Company's actual results to materially differ from the results contemplated by the forward-looking statements contained in this report and in other documents the Company files with the Securities and Exchange Commission.

Market Risk

In the normal course of business, the Company is routinely subjected to a variety of risks. In addition to the market risk associated with interest rate and currency movements on outstanding debt and

non-U.S. dollar-denominated assets and liabilities, other examples of risk include customer concentration in Harsco Metals and certain businesses of the "All Other" Category, collectibility of receivables, volatility of the financial markets and their effect on pension plans, and global economic and political conditions.

The financial markets in the United States, Europe and Asia experienced extreme disruption in the last half of 2008 and into 2009, including, among other things, severely diminished liquidity and credit availability for many business entities, declines in consumer confidence, negative economic growth, declines in real estate values, increases in unemployment rates, significant volatility in equities, rating agency downgrades,

and uncertainty about economic stability. This has led to a global recession. Governments across the globe have taken unprecedented actions, including economic stimulus programs, intended to address these difficult market conditions. These economic uncertainties affect all businesses in a number of ways, making it difficult to accurately forecast and plan future business activities.

The continuing disruption in the credit markets has severely restricted access to capital for many companies. If credit markets continue to deteriorate, the Company's ability to incur additional indebtedness to fund operations or refinance maturing obligations as they become due may be significantly constrained. The Company is unable to predict the likely duration and severity of the current disruptions in the credit and financial markets and adverse global economic conditions. While these conditions have not impaired the Company's ability to access credit markets and finance operations at this time, if the current uncertain economic conditions continue or further deteriorate, the Company's business and results of operations could be materially and adversely affected.

The Company has operations in several countries in the Middle East, including Bahrain, Egypt, Saudi Arabia, United Arab Emirates and Qatar, which are geographically close to Iraq, Iran, Israel, Lebanon and other countries with a continued high risk of armed hostilities. During 2008, 2007 and 2006, the Company's Middle East operations contributed approximately \$66.7 million, \$44.6 million and \$34.8 million, respectively, to the Company's operating income. Additionally, the Company has operations in and sales to countries that have encountered outbreaks of communicable diseases (e.g., Acquired Immune Deficiency Syndrome ("AIDS") and others). In countries in which such outbreaks occur, worsen or spread to other countries, the Company may be negatively impacted through reduced sales to and within those countries and other countries impacted by such diseases.

Exchange Rate Fluctuations May Adversely Impact the Company's Business

Fluctuations in foreign exchange rates between the U.S. dollar and the over 40 other currencies in which the Company conducts business may adversely impact the Company's operating income and income from continuing operations in any given fiscal period. Approximately 68% and 69% of the Company's sales and approximately 61% and 68% of the Company's operating income from continuing operations for the years ended December 31, 2008 and 2007, respectively, were derived from operations outside the United States. More specifically, approximately 17% and 20% of the Company's revenues were derived from operations in the United Kingdom during 2008 and 2007, respectively. Additionally, approximately 26% of the Company's revenues were derived from operations with the euro as their functional currency during both 2008 and 2007. Given the structure of the Company's revenues and expenses,

an increase in the value of the U.S. dollar relative to the foreign currencies in which the Company earns its revenues generally has a negative impact on operating income, whereas a decrease in the value of the U.S. dollar tends to have the opposite effect. The Company's principal foreign currency exposures are to the British pound sterling and the euro.

Compared with the corresponding period in 2007, the average values of major currencies changed as follows in relation to the U.S. dollar during 2008, impacting the Company's sales and income:

• British pound sterling	Weakened by 10%
• euro	Strengthened by 6%
• South African rand	Weakened by 17%
• Brazilian real	Strengthened by 5%
• Canadian dollar	Relatively constant
• Australian dollar	Relatively constant
• Polish zloty	Strengthened by 13%

Compared with exchange rates at December 31, 2007, the values of major currencies changed as follows as of December 31, 2008:

• British pound sterling	Weakened by 36%
• euro	Weakened by 5%
• South African rand	Weakened by 37%
• Brazilian real	Weakened by 30%
• Canadian dollar	Weakened by 22%
• Australian dollar	Weakened by 23%
• Polish zloty	Weakened by 20%

The Company's foreign currency exposures increase the risk of income statement, balance sheet and cash flow volatility. If the above currencies change materially in relation to the U.S. dollar, the Company's financial position, results of operations, or cash flows may be materially affected.

To illustrate the effect of foreign currency exchange rate changes in certain key markets of the Company, in 2008, revenues would have been approximately 1% or \$30.8 million less and operating income would have been approximately 1% or \$3.3 million less if the average exchange rates for 2007 were utilized. A similar comparison for 2007 would have decreased revenues approximately 5% or \$166.9 million, while operating income would have been approximately 4% or \$16.5 million less if the average exchange rates for 2007 would have remained the same as 2006. If the U.S. dollar weakens in relation to the euro and British pound sterling, the Company would expect to see a positive impact on future sales and income from continuing operations as a result of foreign currency translation. Additionally, based on current foreign currency exchange rates, earnings for 2009 will be significantly negatively impacted in comparison to 2008. Currency changes also result in assets and liabilities denominated in local currencies being translated into U.S. dollars at different amounts than at the prior period end. If the U.S. dollar weakens in relation to currencies

in countries in which the Company does business, the translated values of the related assets and liabilities, and therefore stockholders' equity, would increase. Conversely, if the U.S. dollar strengthens in relation to currencies in countries in which the Company does business, the translated values of the related assets, liabilities, and therefore stockholders' equity, would decrease.

Although the Company engages in foreign currency forward exchange contracts and other hedging strategies to mitigate foreign exchange risk, hedging strategies may not be successful or may fail to offset the risk. The Company has a Foreign Currency Risk Management Committee that develops and implements strategies to mitigate these risks.

In addition, competitive conditions in the Company's manufacturing businesses may limit the Company's ability to increase product prices in the face of adverse currency movements. Sales of products manufactured in the United States for the domestic and export markets may be affected by the value of the U.S. dollar relative to other currencies. Any long-term strengthening of the U.S. dollar could depress demand for these products and reduce sales and may cause translation gains or losses due to the revaluation of accounts payable, accounts receivable and other asset and liability accounts. Conversely, any long-term weakening of the U.S. dollar could improve demand for these products and increase sales and may cause translation gains or losses due to the revaluation of accounts payable, accounts receivable and other asset and liability accounts.

The Company's cash flows and earnings are subject to changes in interest rates.

The Company's total debt as of December 31, 2008 was \$1.0 billion. Of this amount, approximately 12.0% had variable rates of interest and 88.0% had fixed rates of interest. The weighted average interest rate of total debt was approximately 5.8%. At current debt levels, a one-percentage increase/decrease in variable interest rates would increase/decrease interest expense by approximately \$1.2 million per year.

The Company's defined benefit pension expense is directly affected by the equity and bond markets.

In addition to the economic issues that directly affect the Company's businesses, changes in the performance of equity and bond markets, particularly in the United Kingdom and the United States, impact actuarial assumptions used in determining annual pension expense, pension liabilities and the valuation of the assets in the Company's defined benefit pension plans.

The Company's earnings may be positively or negatively impacted by the amount of income or expense the Company records for defined benefit pension plans. The Company calculates income or expense for the plans using actuarial valuations that reflect assumptions relating to financial market and other economic conditions. The most signifi-

cant assumptions used to estimate defined benefit pension income or expense for the upcoming year are the discount rate and the expected long-term rate of return on plan assets. Significant changes in key economic indicators may materially affect the Company's financial position, results of operations, or cash flows. These key economic factors would also likely affect the amount of cash the Company would contribute to the defined benefit pension plans. For a discussion regarding how the Company's financial statements can be affected by defined benefit pension plan accounting policies, see the Pension Benefits section of the Application of Critical Accounting Policies in "Management's Discussion and Analysis of Financial Condition and Results of Operations."

In response to adverse market conditions during 2002 and 2003, the Company conducted a comprehensive global review of its defined benefit pension plans in order to formulate a plan to make its long-term pension costs more predictable and affordable. In 2008, as a response to worsening economic conditions, the Company implemented design changes for additional defined benefit plans, of which the principal change involved converting future pension benefits for many of the Company's non-union employees in the United Kingdom from a defined benefit plan to a defined contribution plan. Defined benefit pension expense is expected to increase by approximately \$28 million in 2009 when compared with 2008.

The Company's pension committee continues to evaluate alternative strategies to further reduce overall pension expense including: conversion of certain remaining defined benefit plans to defined contribution plans; the on-going evaluation of investment fund managers' performance; the balancing of plan assets and liabilities; the risk assessment of all multi-employer pension plans; the possible merger of certain plans; the consideration of incremental cash contributions to certain plans; and other changes that are likely to reduce future pension expense volatility and minimize risk.

Energy prices impact the Company's operating costs and profitability.

Worldwide political and economic conditions, an imbalance in the supply and demand for oil, extreme weather conditions and armed hostilities in oil-producing regions, among other factors, may result in an increase in the volatility of energy costs, both on a macro basis and for the Company specifically. In the first half of 2008, unprecedented increases in oil prices were incurred, while in the second half of 2008, oil prices declined sharply to levels below 2007. In 2008, 2007 and 2006, energy costs have approximated 4.5%, 3.7% and 3.9% of the Company's revenue, respectively. To the extent that increased energy costs cannot be passed to customers in the future, the financial condition, results of operations and cash flows of the Company may be adversely affected. To the extent that reduced energy costs are not passed to customers in the future, this may have a favorable impact on the financial condition, results of operations and cash flows of the Company.

Board of Directors and Officers

(As of March 10, 2009)

Board of Directors

Salvatore D. Fazzolari ^{1C}

Chairman and Chief Executive Officer
Harsco Corporation
Director since 2002

Geoffrey D. H. Butler

President
Harsco Corporation
Director since 2002

Kathy G. Eddy ^{1, 2C, 4}

CPA and Founding Partner
McDonough, Eddy, Parsons & Baylous, AC
Director since 2004

Stuart E. Graham ²

Retired Chief Executive Officer
Skanska AB
Chairman
Skanska USA
Director since 2009

Terry D. Growcock ^{3, 4}

Retired Chairman
The Manitowoc Company
Director since 2008

Jerry J. Jasinowski ⁴

Former President
The Manufacturing Institute
Director since 1999

Henry W. Kneuppel ³

Chairman and Chief Executive Officer
Regal Beloit Corporation
Director since 2008

D. Howard Pierce ^{1, 2, 3C}

Retired President and Chief Executive Officer
ABB Inc.
Director since 2001

Carolyn F. Scanlan ^{2, 3}

President and Chief Executive Officer
The Hospital & Healthsystem
Association of Pennsylvania
Director since 1998

James I. Scheiner ^{2, 3}

Vice President
Century Engineering
Director since 1995

Andrew J. Sordoni, III ^{1, 3, 4C}

Chairman
Sordoni Construction Services, Inc.
Director since 1988

Dr. Robert C. Wilburn ^{1, 4}

President
The Gettysburg Foundation
Director since 1986
Serves as Lead Director

Board Committees

¹ Executive Committee

² Audit Committee

³ Management Development and
Compensation Committee

⁴ Nominating and Corporate Governance
Committee

^C Indicates Committee Chair

Corporate Officers

Salvatore D. Fazzolari

Chairman and Chief Executive Officer

Geoffrey D. H. Butler

President

Richard C. Neuffer

Sr. Vice President

Mark E. Kimmel

Sr. Vice President, Chief Administrative Officer,
General Counsel and Corporate Secretary

Stephen J. Schnoor

Sr. Vice President and Chief Financial Officer

Scott H. Gerson

Vice President and Chief Information Officer

Michael A. Higgins

Vice President – Audit

Michael H. Kolinsky

Vice President – Taxes

Richard A. Sullivan

Vice President – Business Transformation

Eugene M. Truett

Vice President – Investor Relations and Credit

Gerald F. Vinci

Vice President – Human Resources Americas

Richard M. Wagner

Vice President and Controller

Sr. Operations Executives

Geoffrey D. H. Butler

Chief Executive Officer
Harsco Infrastructure and Harsco Metals

John W. Barrett

Chief Operating Officer
Harsco Infrastructure

Richard C. Neuffer

Chief Executive Officer
Harsco Minerals & Rail

Stockholder Information

Company News

Company information, archived news releases and SEC filings are available free of charge 24 hours a day, seven days a week via Harsco's website at www.harsco.com. Harsco's quarterly earnings conference calls and other significant investor events are posted when they occur.

Securities analysts, portfolio managers, other representatives of institutional investors and other interested parties seeking information about Harsco should contact:

Eugene M. Truett

Vice President – Investor Relations and Credit

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Annual Meeting

April 28, 2009, 10:00 am

Radisson Penn Harris Hotel and Convention Center
Camp Hill, PA 17011

Registrar, Transfer and Dividend Disbursing Agent

BNY Mellon Shareowner Services

P.O. Box 358015

Pittsburgh, PA 15252-8015

Phone: 800.850.3508

www.bnymellon.com/shareowner/isd

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Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP

Philadelphia, PA 19103

Quarterly Share Price and Dividend Information

Harsco Corporation common stock is listed on the New York Stock Exchange (NYSE) under ticker symbol HSC. At year-end 2008, there were 80,174,536 shares outstanding and approximately 22,000 stockholders.

As shown below, during 2008, the Company's common stock traded in a range of \$17.55 to \$64.75 and closed at \$27.68 at year-end. High and low per share data are as quoted on the NYSE. Four quarterly cash dividends of \$0.195 were paid in 2008 for an annual rate of \$0.78, an increase of 9.9% from 2007. In 2008, 27.2% of net earnings were paid out in dividends. There are no significant restrictions on the payment of dividends. In December 2008, the Company's Board increased the dividend rate to \$0.20 per share, effective with the next scheduled quarterly dividend declaration in early 2009. This action increased the dividend rate by 2.6% to \$0.80 per share on an annualized basis.

		2008	2007 ^(a)
First Quarter	High	\$ 64.50	\$ 45.325
	Low	46.10	36.90
	Dividends Declared	0.1950	0.1775
Second Quarter	High	64.75	54.00
	Low	53.75	44.49
	Dividends Declared	0.1950	0.1775
Third Quarter	High	56.32	59.99
	Low	33.50	47.85
	Dividends Declared	0.1950	0.1775
Fourth Quarter	High	37.41	66.51
	Low	17.55	55.37
	Dividends Declared	0.1950	0.1950

(a) Historical per share data restated to reflect the two-for-one stock split that was effective at the close of business March 26, 2007.

Management's Certifications

The certifications of our Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act of 2002 have been filed with the Securities and Exchange Commission as exhibits to our Annual Report on Form 10-K.

In addition, in May 2008 our Chief Executive Officer provided to the New York Stock Exchange the annual Section 303A CEO certification regarding our compliance with the New York Stock Exchange's corporate governance listing standards.



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Reed Minerals
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We Help Build the World

HARSCO

2009 Annual Report





Harsco provides the critical industrial services and products that customers throughout the world need to generate economic development, keep workers safe and improve the environment. They rely on Harsco's engineered infrastructure and industrial solutions to construct the world's great landmarks and support the rising global demand for energy. Harsco's rail services maintain the growing transportation networks that keep commerce flowing and drive economic growth, while an increasing array of Harsco-pioneered environmental solutions is helping create a cleaner future for our planet. Today, we're

Harsco helps build the

expanding our footprint and mobilizing our resources to support the world's accelerating investment in vital construction and railway infrastructure. We're working across new global fronts to recover and process steel by-products, create new commercial applications for recycled metals and minerals, and engineer innovative products for industry. Harsco's scalable business platforms are helping build the world—and creating a path for sustainable growth.



world.



Dear Fellow Stockholders:

Entering 2009, we knew we would face an extremely difficult global economic environment. We also knew we could draw on our inner strength and discipline to meet the challenge.

As the extraordinary economic and market turbulence of the Great Recession continued throughout the year, we relied on our solid foundation—our healthy balance sheet, strong cash flow from operations and diversified business platforms—to help us navigate the storm. We launched aggressive countermeasures to significantly lower our cost structure. And by greatly reducing our capital expenditures we generated record free cash flow.

At the same time, we continued to execute the transformation journey that we began in late 2007, which I call the “CEO Envisioned Future.” Underpinned by four broad strategies and the principles outlined by Jim Collins in *Good to Great*, our transformation journey focuses on:

- Significantly strengthening our global leadership team, which we call “the A-Team”;
- Changing the business to a more horizontal “connect and collaborate” value creation model, also known as the “globally integrated and optimized enterprise”;
- Executing a robust emerging markets strategy that better balances our geographic footprint, while at the same time better balancing our business platforms and market segments; and

- Expanding our knowledge-based services and solutions, with the objective of enhancing our customers’ performance in parallel with improving our Economic Value Added (EVA®) and creating stockholder value.

As a result of our disciplined strategy execution, Harsco enters 2010 with a stronger balance sheet, improving free cash flow, a stronger management team, a much lower cost structure and increasing momentum in expanding our global footprint across emerging markets. We are well positioned to capitalize on the opportunities ahead of us as our markets slowly recover across the world.

Meeting Our Commitments— a Culture of Discipline

Our management scorecard for 2009 reflects both our commitment and our success to date. It gives our team—and stockholders—a clear roadmap of the strategic priorities and execution focus we have set for ourselves as we continue to build an enduring enterprise:

- Significantly reduce our break-even point with sustainable cost reductions;
- Maintain Harsco’s traditionally strong balance sheet and improve our free cash flow;
- Scour the globe for talented people and bring them on board the “Harsco bus”;



Salvatore D. Fazzolari

Chairman and Chief Executive Officer

- Implement a new leadership structure to operate the business as an integrated whole—as One Harsco supported by best-in-class services;
- Better balance the portfolio geographically by executing a robust emerging markets strategy; and
- Better balance Harsco's market sectors and business platforms.

By focusing on these strategic goals while operating under the most difficult economic conditions, we were able to maintain some degree of our momentum and achieve financial and operating results that were consistent with our expectations. However, after five consecutive years of record results from continuing operations, the Great Recession clearly impacted our performance in 2009, as orders significantly weakened and pricing pressures intensified. As a direct result, our revenues declined about 25 percent to \$3.0 billion, with approximately \$255 million attributable to the weakening of foreign currencies. Income from continuing operations was \$141 million, or \$1.66 per diluted share. On the positive side, we reduced capital expenditures by 64 percent and generated record free cash flow of \$269 million, more than double the amount we achieved in 2008. We used some of this cash to pay down corporate debt, lowering Harsco's debt-to-capital ratio to 39.5 percent, our

lowest year-end ratio since 1998. We also rewarded our stockholders by increasing our dividend rate for the 16th consecutive year, to \$0.82 per share from the previous \$0.80. At a time when economic conditions have led many other companies to either suspend or eliminate their dividends, this move signals the Board's confidence in our long-term growth prospects and in our ability to continue to generate strong free cash flows. In December we successfully executed a revolving back-up credit facility of \$570 million, which gives us further financial flexibility to deliver on our plans. The achievement of our key financial strategies puts us in a very good position to capitalize on the growth opportunities we are aggressively pursuing, and it will provide us with additional leverage as global economic conditions improve.

Transformation Journey—CEO Envisioned Future

We expect the transformation journey we commenced in late 2007 to be substantially completed by the end of 2010. This three-year-plus journey will transform Harsco into a modern, globally integrated and optimized enterprise that is well positioned for growth. Our business model will be driven by knowledge-based solutions and services that improve customers' performance and contribute to Harsco's value creation

Global Leadership Team Report Card

Last year we introduced a number of countermeasures to help us navigate economic uncertainty and strengthen our company to take advantage of new opportunities. This Report Card measures the progress we've achieved.

Our Promise	Our Progress
Significantly lower our cost structure by at least \$100 million to reduce our break-even point.	Achieved at least \$125 million of sustainable, annualized cost reductions; additional cost reduction is expected in 2010.
Maintain a strong balance sheet by emphasizing free cash flow.	Exceeded our free cash flow target of \$250 million by achieving a record \$269 million; similar results are expected in 2010.
Scour the globe for talented people and bring them on board the "Harsco bus".	Hired or in the process of recruiting more than 15 top executives with A-Team international experience and capabilities.
Implement a new management structure to operate the business as an integrated whole—as One Harsco supported by best-in-class services.	Executed our One Harsco global rebranding. Established a new high-performance offshore services center in India. Launched our global supply chain initiative in early 2010.
Better balance the portfolio geographically by executing a robust emerging markets strategy.	Generated 22 percent of revenues from emerging markets in 2009. In 2010, we expect to reach about 28 percent, double the amount achieved in 2007.
Better balance Harsco's market sectors and business platforms.	Entered new joint ventures and targeted acquisitions in the Gulf Region of the Middle East, China, Latin America and Australia.

growth, all underpinned by a competitive cost structure and improving free cash flow. Meanwhile, these same transformational initiatives are helping us overcome the ongoing market turbulence, differentiate ourselves with customers and contribute to a lower cost and capital base that will strengthen Harsco for the future. They are helping to secure the strong foundation we need to fulfill our core purpose to build teams that win with integrity anywhere in the world.

Having the right people in the right seats is essential. I am pleased with the considerable progress we continue to make in bringing top A-Team-caliber talent into our organization. The significantly strengthened global management team we are building will give us the necessary skills to compete with all classes of competitors across the world.

One Harsco: We Help Build the World

Last year's letter described the many benefits of operating as One Harsco. In 2009 we continued to unify our diverse global businesses under the Harsco brand and instill a culture of discipline across all our operations. We adopted the theme "We Help Build the World" as a common denominator that characterizes all Harsco businesses and describes the essential value that we bring to our markets and customers.

We also adopted an integrated global operating structure that connects our people and global operations horizontally and focuses them on collaboration and value creation in the following important ways:

Standard processes. Our technology infrastructure gives us greater flexibility to share our market insights and best practices as one team. For example, our Harsco Metals and Harsco Minerals businesses have many synergies and complementary processes that will enable us to offer increasingly comprehensive, knowledge-based solutions on a global scale. These two businesses are now managed under one senior executive, and have begun sharing their technical skills and process expertise to develop innovative solutions for the handling and processing of our customers' waste streams. Our innovative processes maximize the recyclable metallics and minerals we recover from metals production. Just as important, our processes also yield beneficial commercial applications that help customers reduce the cost and impact of their by-products and contribute directly to a better environment.

Shared services. Harsco wins by delivering differentiated value in the form of high-quality and reliable services, solutions and products. We also win through our

By the end of 2010 we will have substantially completed our three-year-plus journey to transform Harsco into a modern, globally integrated and optimized enterprise that is well positioned for growth.

efficiency and Continuous Improvement core value discipline. We are raising the bar across the enterprise, with one example being our new global shared services center in India. This new center supports our culture of excellence by giving our businesses access to best-of-class services to support their engineering, information technology, accounting and transaction-related services.

Enterprise-wide functions. Our new horizontal “connect and collaborate” model gives us the ability to more readily scale our businesses at minimal incremental cost, and better and more quickly integrate new acquisitions and joint ventures. We are realigning core support functions such as human resources, legal and others to operate as global and regional centers of excellence, providing cross-divisional services with maximum focus and efficiency. We also have launched a global supply chain initiative with world leader IBM to not only reduce our operating costs, but also reduce the amount of capital employed in our business. This far-reaching business transformation initiative encompasses strategic sourcing, procurement, logistics, planning (demand and supply), inventory and order management, as well as cash management. In addition, IBM is helping us with a second initiative

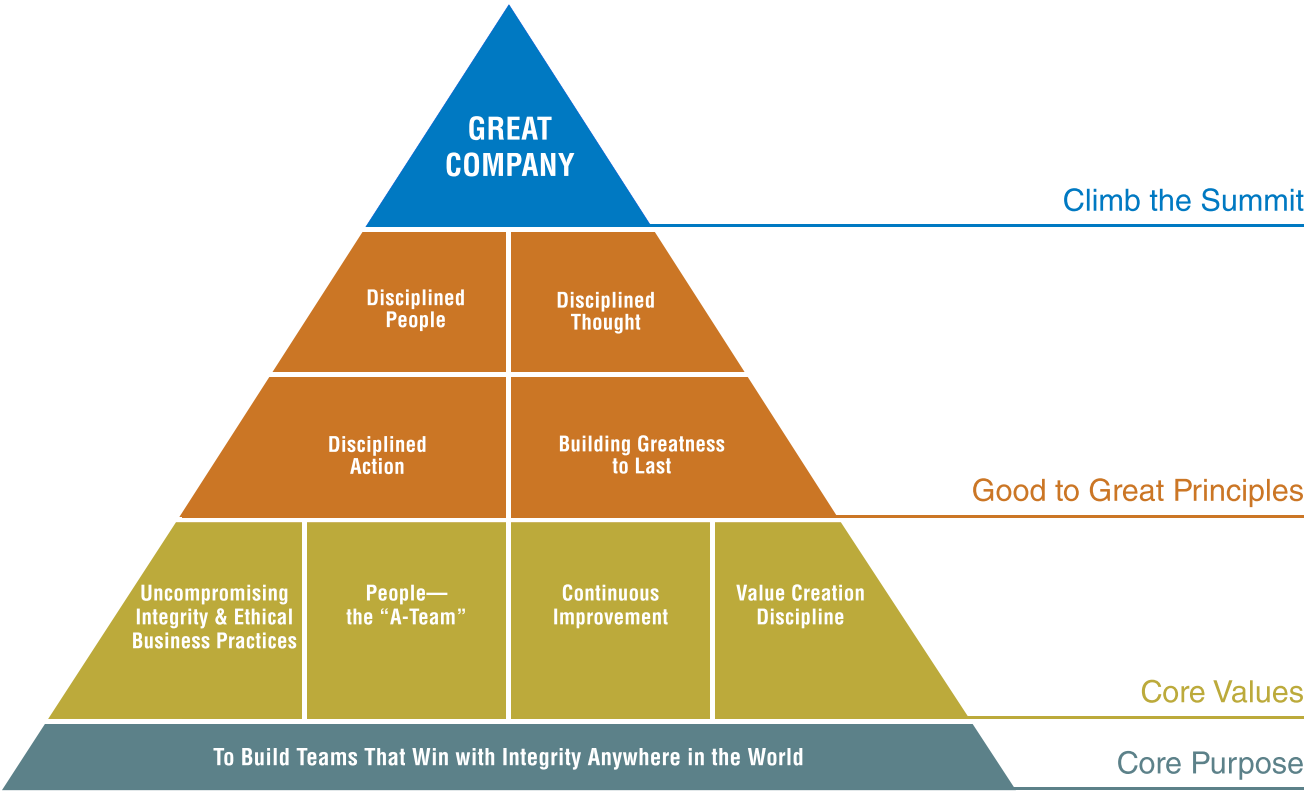
designed to streamline our global general and administrative expense structure.

Sustainability and environment. Harsco’s future—and the future of our planet—also compels us to reduce our environmental footprint and partner with suppliers and customers to lower theirs. We view environmental responsibility as a matter of integrity, and we’re using process innovation to develop sustainable practices and build competitive advantage. We’ve invested in new technologies for the processing and recycling of slag from metals producers throughout the world. The recycled slag contributes to such applications as road surfacing, cement additives and extenders, fertilizers for agriculture and turf building, and water filtration. We continue to drive our zero waste processes towards environmentally responsible and beneficial commercialization of industrial by-products and by doing so, create viable uses for materials that were formerly designated for landfill.

A World of Opportunity, Although Economic Uncertainty Remains

Harsco enters 2010 with a leaner cost structure, a broader and more balanced global market footprint,

Good to Great Framework



a strong balance sheet with excellent free cash flow, and talented and motivated people who are passionate about our core purpose and core values. We know that significant near-term challenges remain in our Harsco Infrastructure business, particularly in the first half of 2010, where there is a lack of any meaningful activity in many of the construction markets we serve, especially in Europe and the United States. While we continue to be optimistic about the prospects of a gradual global economic recovery, considerable uncertainty remains. Nevertheless, we are encouraged by the improving performance of our Harsco Metals and Harsco Minerals businesses, the strong backlog of our Harsco Rail business and the consistent performance of our Harsco Industrial business.

The Great Recession caused us to look hard at our operating practices and business platforms and execute tough countermeasures to permanently remove costs and optimize our capital. Our cost reduction and capital optimization focus will continue throughout 2010, particularly in the Harsco Infrastructure business.

We will benefit from our lower break-even point and from the emerging market capabilities we've initiated through recent acquisitions and joint ventures in China, Latin America and the Gulf Region of the Middle East. We will also continue to engage customers in a different kind of dialogue that moves beyond a menu of discrete activities to integrated, value-based solutions. By staying attuned to our customers' most important needs, and responding with unparalleled technical expertise, world-class services and an unwavering commitment to our core ideology, we will work as partners to drive both their success and ours. We are proud to say that “We Help Build the World!”

Salvatore D. Fazzolari
Chairman and Chief Executive Officer

March 10, 2010

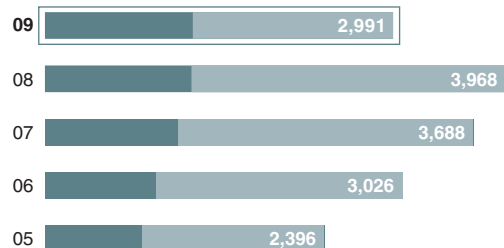
Financial Highlights

Dollars in thousands, except per share amounts	2009	2008	2007	2006	2005
Total revenues from continuing operations	\$2,990,577	\$3,967,822	\$3,688,160	\$3,025,613	\$2,396,009
Operating income from continuing operations	218,656	411,988	457,805	344,309	251,036
Income from continuing operations attributable to Harsco Corporation stockholders	133,838	245,623	255,115	186,402	144,488
Current ratio	1.6:1	1.4:1	1.5:1	1.4:1	1.5:1
Return on average capital	7.6%	10.6%	11.8%	10.4%	10.6%
Return on average equity	9.1%	14.6%	18.9%	16.4%	14.9%
Return on average assets	6.3%	10.3%	13.0%	12.0%	11.5%
Debt to total capitalization	39.5%	41.1%	40.3%	47.4%	49.6%
Diluted earnings from continuing operations	\$ 1.66	\$ 2.92	\$ 3.01	\$ 2.21	\$ 1.72
Book value	18.79	18.09	18.99	14.01	12.30
Cash dividends declared	0.805	0.78	0.7275	0.665	0.6125
Diluted average shares outstanding (in thousands)	80,586	84,029	84,724	84,430	84,161
Number of employees	19,600	21,500	21,500	21,500	21,000

Revenues

Dollars in millions

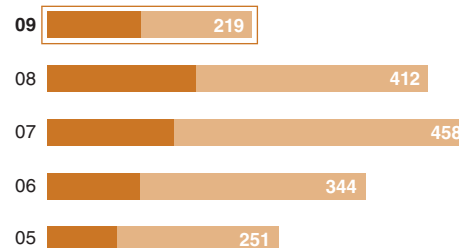
■ United States
■ International



Operating Income

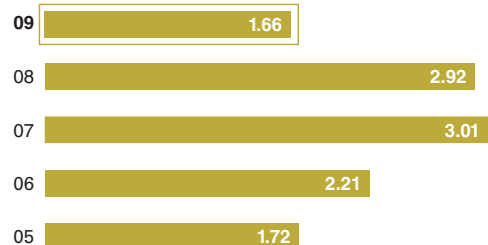
Dollars in millions

■ United States
■ International



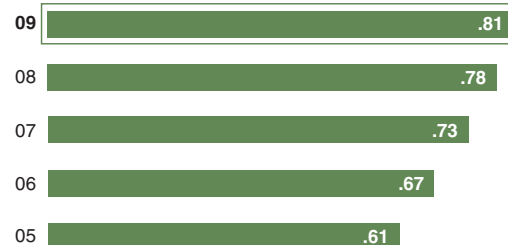
Diluted Earnings per Share from Continuing Operations

In dollars



Cash Dividends Declared per Share

In dollars





Global



As the world's industrial footprint expands, Harsco's targeted investments in emerging markets are creating a more globally balanced portfolio better positioned to deliver sustainable growth. Harsco's expansion in China, India, the Gulf Region of the Middle East and key parts of Latin America reflects the world's changing economic landscape. We're broadening our horizons by targeting new customers, redeploying assets, establishing joint ventures and acquiring market-leading businesses.

A Local Presence

Harsco's emerging markets strategy positions the company for the new dynamics of the 21st century. From its budding presence in Brazil, Harsco Rail is enhancing the performance of an extensive railway network that serves the country's vital mining and metals industries and will support Brazil's successful Olympics and World Cup bids this coming decade. Harsco Industrial has formed new relationships for its air-cooled heat exchangers in the Middle East and Asia-Pacific regions to create in-market production efficiencies for its global customers. Our expanding presence in India includes a new global business services center and new contracts with some of India's leading industrial companies.



Harsco's scalable business network spans some 400 locations in over 50 countries. Our plans include an increasing emphasis on the world's emerging market economies, in step with the changing economic landscape.

Balance

Gaining Strength

Harsco Metals was one of the first mill services providers to enter the Gulf Region of the Middle East some 20 years ago. Today, governments across the region are investing in local steel and aluminum mills as a cost-effective alternative to imported materials. Building on existing relationships and years of proven performance, Harsco Metals has been awarded significant new contracts that reinforce our presence and expand our reputation for service and value leadership.

Positioned for Growth

Robust infrastructure spending in China, Latin America and other emerging markets is creating new growth opportunities. Our recent acquisitions and joint ventures in these regions are helping us scale-up quickly by establishing new market relationships and putting existing assets to work. Our joint venture with one of the largest construction groups in China establishes a strong platform for future growth in one of the world's most buoyant construction economies. Our acquisition of ESCO Interamerica extends our presence in Latin America to seven additional countries and provides a gateway to Brazil and other expanding infrastructure markets. In Australia, our Bell Scaffolding acquisition positions Harsco Infrastructure for new opportunities across the country's eastern seaboard through a network of branch locations and strong technical design and support capabilities, with the capacity for also expanding into resource-rich western Australia.



Harsco's new company-wide brand projects the scale, depth and focus of an industrial services leader able to deploy the people and resources of one global enterprise wherever and whenever they're needed.



Market



In every industry Harsco serves, customers are demanding an expanding array of differentiated services. By operating close to its customers, Harsco is leveraging its best-practices knowledge and technical expertise to create new services, solutions and products. These strategies should generate additional and more balanced revenue streams and deliver recognizable value to customers and shareholders.

Industrial Strength

Over the years, Harsco Infrastructure has provided engineered formwork and scaffolding services to help refineries, petrochemical processors and electric utility power plants complete scheduled construction and maintenance work both safely and efficiently. More recently, we have been expanding these onsite services to support additional industrial maintenance requirements such as insulation installation, painting and coating. Our 2009 acquisition of Nicol UK Ltd. strengthens our position in this discipline. By continuing to expand our industrial access and plant maintenance focus, Harsco Infrastructure is building a solid and better balanced foundation of long-term customer relationships and predictable returns.



GREEN FROM THE START™

As a core business focus, Harsco works to minimize the environmental impact and capture the maximum value of industrial co-products. Harsco is an industry pioneer in the processing of mineral products for environmentally beneficial uses.

Focus

Cleaning Up in Alabama

Steel is among the most recyclable materials on the planet. Harsco Metals and Harsco Minerals are working closely to develop innovative and integrated environmental solutions at the point of production that will benefit steelmakers as well as the environment. Moreover, as the steel industry consolidates, there is also growing demand for recovery and recycling services at former steelmaking sites. At an EPA-led cleanup of a former steel mill in Gadsden, Alabama, Harsco Metals is applying its industry-leading expertise to operate an onsite metal recovery and slag processing facility that will process an estimated three million cubic yards of slag materials. The EPA has acclaimed this new program as a potential model for cleaning up similar sites, with all remediation costs funded by the sale of recovered metals and minerals.

Taking the LEED

Commercial property owners are embracing “green” Leadership in Energy and Environmental Design (LEED) guidelines to reduce total operating costs and advance their commitment to environmental responsibility. In the United States, many are replacing existing industrial and commercial boilers with our growing MACH® line of energy-efficient boilers from Harsco Industrial. To help customers maximize their return on investment, Harsco Industrial’s new Custom Solutions program for heat transfer products provides tailored advice on everything from equipment sizing and selection to construction support and performance tracking. This value-added program is delivering lower lifecycle costs and improved energy efficiency.



Harsco Rail is evolving from an equipment provider to a value-generating strategic partner that helps railways and urban transit systems improve safety, operate at peak efficiency and reduce fuel consumption and other operating costs.



Knowledge-based

Harsco is building better relationships with its customers by leveraging the expertise of its global talent base. Harsco's growing information infrastructure will enable associates around the world to channel their experience to help Harsco and its customers engineer greater value in everything they do.

Working Together

When customers partner with Harsco Rail, they get much more than well-engineered equipment, parts and services. They benefit from a century of knowledge and innovation. Our engineers understand the primary value drivers that new track maintenance equipment must address: safety, costs, utilization of human assets and transfer of generational knowledge. More than ever, we are working alongside our customers to understand their needs, solve problems and create value. In 2009 Harsco Rail worked closely with one key customer to develop the industry's first unmanned ballast tamper. The new machine draws on years of engineering and software experience to automate all aspects of the drone's operation, and frees up railway personnel to work on other areas of responsibility. It's just the beginning for future unmanned machines in the rail maintenance industry.



As Harsco moves products and services upstream and becomes more embedded with our customers, we are applying our shared knowledge to help customers improve safety, productivity, innovation and environmental sustainability.

Culture

Focused on Value

Processing millions of tons of onsite slag each year, Harsco Metals creates value for customers by developing and deploying the most efficient services and technologies to support their operations. Meanwhile, Harsco Minerals has developed innovative solutions for collecting, removing and selling high-value metals and by-products from steelmaking and other metals production. Under new leadership, the Harsco Metals and Harsco Minerals businesses are redefining their value proposition by aligning their technological competencies and helping customers achieve clean, profitable and sustainable zero-waste-stream solutions for their metals production processes.

Tapping Our Knowledge

At Harsco, we believe that effective teamwork holds the key to value creation. A new global human resources information system will enable Harsco to access the skills and knowledge of our people across the organization to engineer new solutions, streamline processes and support our global customer base. The new system will also support succession planning within each business and establish a consistent process to foster career development. It will help us think, plan and execute as One Harsco, a more globally integrated organization with teams that span borders and businesses and win with integrity anywhere in the world.



Our horizontal "connect and collaborate" global business model places value creation for our customers and our shareholders at the forefront. As such, it enables us to grow our businesses and integrate acquisitions more quickly and efficiently.



Disciplined



Great and enduring companies understand the difference between what should never change—core ideology—and the business strategies and operating practices that are open to change as the world changes. Harsco draws on its EVA discipline and culture of Continuous Improvement to boost labor efficiency and lower its cost base across all its businesses.

Proactive Response

The past year's global economic turbulence has required proactive, disciplined and focused response across the organization. In late 2008 and throughout 2009, we executed aggressive countermeasures to reduce our cost structure, lower our break-even point, maintain a strong balance sheet and robust free cash flow, and build for the future. We're using our Continuous Improvement core discipline and other key initiatives to create new ways to improve logistics and reduce inventory, streamline processes and optimize our focus on value-adding activities. These initiatives better position us to regain our momentum as the world's economies gradually recover and our markets slowly resume their essential contributions to global growth and development.



Our new global supply chain initiative will better connect us with suppliers, partners and customers for faster execution and more integrated, lower-cost supply chain operations.

Operations

Standard Processes

Each year Harsco spends more than \$2 billion on purchased materials and services and other costs to support our customers and produce our products. Any savings will help lower operating costs and improve EVA. Beginning in 2010, Harsco will tap the global expertise of IBM to help turn best practices in procurement, inventory management, logistics and transportation, demand and supply planning, and network design into a "smart" supply chain that delivers sustainable competitive advantage. By linking these key cross-functions and extending them across all facilities and geographies, Harsco will build vital end-to-end visibility that will better connect us with our suppliers, partners and customers for faster execution.

Shared Services

As a global company, Harsco benefits from a network of engineering, information technology, finance and other key disciplines. To take each of these functions to a new level, we are developing a new shared services model that consolidates our capabilities to deliver world-class support. The new model will foster greater collaboration, deliver higher levels of service and expertise to our operating companies and make it easier to integrate new acquisitions and manage global joint venture relationships.



Strong countermeasures and effective operating discipline over the past two years are positioning Harsco for a return to earnings momentum.

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Five-Year Statistical Summary

<i>(In thousands, except per share, employee information and percentages)</i>	2009 ^(a)	2008	2007 ^(b)	2006	2005 ^(c)
Income Statement Information attributable to Harsco Corporation common stockholders^(d)					
Revenues from continuing operations	\$2,990,577	\$3,967,822	\$3,688,160	\$3,025,613	\$2,396,009
Income from continuing operations	133,838	245,623	255,115	186,402	144,488
Income (loss) from discontinued operations	(15,061)	(4,678)	44,377	9,996	12,169
Net income attributable to Harsco Corporation	118,777	240,945	299,492	196,398	156,657
Financial Position and Cash Flow Information					
Working capital	\$ 418,237	\$ 317,062	\$ 471,367	\$ 320,847	\$ 352,620
Total assets	3,639,240	3,562,970	3,905,430	3,326,423	2,975,804
Long-term debt	901,734	891,817	1,012,087	864,817	905,859
Total debt	984,927	1,012,883	1,080,794	1,063,021	1,009,888
Depreciation and amortization (including discontinued operations)	311,531	337,949	306,413	252,982	198,065
Capital expenditures	165,320	457,617	443,583	340,173	290,239
Cash provided by operating activities	434,458	574,276	471,740	409,239	315,279
Cash used by investing activities	(269,360)	(443,418)	(386,125)	(359,455)	(645,185)
Cash provided (used) by financing activities	(164,083)	(155,539)	(77,687)	(84,196)	369,325
Ratios					
Return on sales ^(e)	4.5%	6.2%	6.9%	6.2%	6.0%
Return on average equity ^{(f)(g)}	9.1%	14.6%	18.9%	16.4%	14.9%
Current ratio	1.6:1	1.4:1	1.5:1	1.4:1	1.5:1
Total debt to total capital ^{(g)(h)}	39.5%	41.1%	40.3%	47.4%	49.6%
Per Share Information attributable to Harsco Corporation common stockholders⁽ⁱ⁾					
Basic – Income from continuing operations	\$ 1.67	\$ 2.94	\$ 3.03	\$ 2.22	\$ 1.73
– Income from discontinued operations	(0.19)	(0.06)	0.53	0.12	0.15
– Net income	\$ 1.48	\$ 2.88	\$ 3.56	\$ 2.34	\$ 1.88
Diluted – Income from continuing operations	\$ 1.66	\$ 2.92	\$ 3.01	\$ 2.21	\$ 1.72
– Income from discontinued operations	(0.19)	(0.06)	0.52	0.12	0.14
– Net income	\$ 1.47	\$ 2.87 ⁽ⁱ⁾	\$ 3.53	\$ 2.33	\$ 1.86
Book value ^(g)	\$ 18.79	\$ 18.09	\$ 18.99	\$ 14.01	\$ 12.30
Cash dividends declared per share	\$ 0.805	\$ 0.78	\$ 0.7275	\$ 0.665	\$ 0.6125
Other Information					
Diluted average number of shares outstanding ⁽ⁱ⁾	80,586	84,029	84,724	84,430	84,161
Number of employees	19,600	21,500	21,500	21,500	21,000
Backlog from continuing operations ^(k)	\$ 490,863	\$ 639,693	\$ 448,054	\$ 236,460	\$ 230,584

(a) Includes ESCO Interamerica, Ltd. acquired November 10, 2009 (Harsco Infrastructure).

(b) Includes Excell Minerals acquired February 1, 2007 (All Other Category-Harsco Minerals & Harsco Industrial).

(c) Includes the Northern Hemisphere mill services operations of Brambles Industrial Services (BISNH) acquired December 29, 2005 (Harsco Metals) and Hünnebeck Group GmbH acquired November 21, 2005 (Harsco Infrastructure).

(d) 2006 and 2005 income statement information is reclassified to reflect the Gas Technologies Segment as Discontinued Operations. This Segment was disposed on December 7, 2007.

(e) "Return on sales" is calculated by dividing income from continuing operations by revenues from continuing operations.

(f) "Return on average equity" is calculated by dividing income from continuing operations by average equity throughout the year.

(g) 2005 through 2008 have been restated in order to include noncontrolling interests, previously referred to as minority interests, as a component of equity in accordance with the changes to consolidation accounting and reporting issued by the Financial Accounting Standards Board January 1, 2009.

(h) "Total debt to total capital" is calculated by dividing the sum of debt (short-term borrowings and long-term debt including current maturities) by the sum of equity and debt.

(i) 2006 and 2005 per share information is restated to reflect the 2-for-1 stock split effective in the first quarter of 2007.

(j) Does not total due to rounding.

(k) Excludes the estimated amount of long-term mill service contracts, which had estimated future revenues of \$3.6 billion at December 31, 2009 and \$4.1 billion at December 31, 2008. Also excludes backlog of the Harsco Infrastructure Segment and the roofing granules and industrial abrasives business. These amounts are generally not quantifiable due to the nature and timing of the products and services provided.

Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with the consolidated financial statements provided in the Annual Report. Certain statements contained herein may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially, as discussed more fully herein.

Forward-Looking Statements

The nature of the Company's business and the many countries in which it operates subject it to changing economic, competitive, regulatory and technological conditions, risks and uncertainties. In accordance with the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, the Company provides the following cautionary remarks regarding important factors that, among others, could cause future results to differ materially from the forward-looking statements, expectations and assumptions expressed or implied herein. Forward-looking statements contained herein could include, among other things, statements about our management confidence and strategies for performance; expectations for new and existing products, technologies and opportunities; and expectations regarding growth, sales, cash flows, earnings and Economic Value Added ("EVA®"). These statements can be identified by the use of such terms as "may," "could," "expect," "anticipate," "intend," "believe" or other comparable terms.

Factors that could cause results to differ include, but are not limited to: (1) changes in the worldwide business environment in which the Company operates, including general economic conditions; (2) changes in currency exchange rates, interest rates, commodity and fuel costs and capital costs; (3) changes in the performance of stock and bond markets that

could affect, among other things, the valuation of the assets in the Company's pension plans and the accounting for pension assets, liabilities and expenses; (4) changes in governmental laws and regulations, including environmental, tax and import tariff standards; (5) market and competitive changes, including pricing pressures, market demand and acceptance for new products, services and technologies; (6) unforeseen business disruptions in one or more of the many countries in which the Company operates due to political instability, civil disobedience, armed hostilities, public health issues or other calamities; (7) the seasonal nature of the business; (8) our ability to successfully enter into new contracts and complete new acquisitions or joint ventures in the timeframe contemplated or at all; (9) the integration of the Company's strategic acquisitions; (10) the amount and timing of repurchases of the Company's common stock, if any; (11) the ongoing global financial and credit crisis, which could result in our customers curtailing development projects, construction, production and capital expenditures, which, in turn, could reduce the demand for our products and services and, accordingly, our sales, margins and profitability; (12) the financial condition of our customers, including the ability of customers (especially those that may be highly leveraged and those with inadequate liquidity) to maintain their credit availability; (13) our ability to successfully implement cost-reduction initiatives; and (14) other risk factors listed from time to time in the Company's SEC reports. A further discussion of these, along with other potential factors, can be found in the Company's 2009 Form 10-K as filed with the Securities and Exchange Commission. The Company cautions that these factors may not be exhaustive and that many of these factors are beyond the Company's ability to control or predict. Accordingly, forward-looking statements should not be relied upon as a prediction of actual results. The Company undertakes no duty to update forward-looking statements except as may be required by law.

Executive Overview

The following major challenges, emanating from the global recession that began in 2008, impacted the Company in 2009:

- Unprecedented low steel production throughout the world;
- A lack of available credit to certain customers that caused commercial and multi-family construction contracts to be cancelled or postponed;
- An overall stronger U.S. dollar during 2009 compared with 2008; and
- Pricing pressure across all businesses as customers sought to control costs during the recession and increased competition for the remaining projects.

In response to further deterioration of global markets during 2009, the Company supplemented its 2008 restructuring initiatives with additional countermeasures targeting expense reduction, revenue enhancement and asset optimization. The combination of the 2008 and 2009 countermeasures have enabled the Company to make substantial progress in reducing its cost structure. The savings realized from these initiatives will continue to benefit 2010 and beyond. The Company's actions to minimize its cost base and increase efficient asset utilization have included the following:

- Redeployment of its mobile asset base in the Harsco Infrastructure and Harsco Metals Segments to focus on market segments that remain strong and provide growth opportunities, such as the relocation of infrastructure rental assets from the United Kingdom and Ireland to the Gulf Region of the Middle East and Asia-Pacific, and to markets served by recent acquisitions in Latin America; this helped enable a substantial reduction in capital spending;
- Reduction in the global workforce of approximately 20% since September 2008 and substantial reductions in discretionary spending;

- Continued expansion of the Company's Continuous Improvement initiatives;
- Substantial reductions in capital spending resulting in record discretionary cash flows;
- Strengthening certain key positions in the global leadership team with new personnel;
- Implementation of supply chain optimization initiatives; and
- Implementation of countermeasures to improve efficiency and remove unnecessary costs.

The Company's 2009 revenues from continuing operations totaled \$3.0 billion, a decrease of \$1.0 billion or 25% from 2008. The Company experienced lower volume levels resulting from a deterioration of global steel markets and weaker demand for infrastructure services resulting, in part, from the lack of credit to finance projects, particularly in the United Kingdom, North America and several other key European countries. Foreign currency translation decreased sales by \$254.7 million and accounted for approximately 26% of the decline in sales.

Operating income from continuing operations was \$218.7 million compared with \$412.0 million in 2008, a decrease of 47%. Diluted earnings per share from continuing operations were \$1.66, a 43% decrease from 2008. Results in 2008 included a charge of \$0.28 per share in the fourth quarter for a significant restructuring initiative. In the third quarter of 2009, the Company recorded a net non-cash charge of \$0.11 per basic and diluted share for adjustments related principally to the improper recording of revenue by one business unit in one country, over a period of approximately three years. Previously issued financial statements were not revised based on the Company's determination that the cumulative effect was not material to the full-year 2009 results or previously issued annual or quarterly financial statements.

Revenues from the Company's targeted growth markets were approximately 23% and 20% of total revenues for 2009 and 2008, respectively. Revenues by region were as follows:

Revenues by Region

(Dollars in millions)	Total Revenues Twelve Months Ended December 31				Percentage Growth From 2008 to 2009		
	2009	Percent	2008	Percent	Volume	Currency	Total
Western Europe	\$1,268.5	42%	\$1,770.8	45%	(18.4%)	(10.0%)	(28.4%)
North America	1,062.6	35	1,370.0	35	(21.8)	(0.6)	(22.4)
Middle East and Africa	228.7	8	257.5	6	(10.8)	(0.4)	(11.2)
Latin America ^(a)	197.0	7	253.7	6	(12.5)	(9.9)	(22.4)
Eastern Europe	120.0	4	189.0	5	(19.1)	(17.4)	(36.5)
Asia-Pacific	113.8	4	126.8	3	(2.3)	(7.9)	(10.2)
Total	\$2,990.6	100%	\$3,967.8	100%	(18.2%)	(6.4%)	(24.6%)

(a) Includes Mexico.

During 2009, the Company generated net cash from operating activities of \$434.5 million compared with \$574.3 million achieved in 2008. For 2009, capital expenditures were reduced to \$165.3 million compared with \$457.6 million in 2008 as existing capital assets were used more efficiently. The Company continues to have significant available liquidity and remains well-positioned from a financial flexibility perspective. Net cash from operating activities for 2009 is less than in 2008 due primarily to lower income as a result of the global recession, but was offset by lower capital expenditures compared with prior years, as the mobility of the capital asset base provided the ability to reallocate resources globally. This reallocation was performed without substantial new investments or harm to the productivity of the equipment in the short-term, and confirmed the flexibility of the Company's capital allocation model. The reduction in capital spending has thus allowed the Company to further enhance its balance sheet, maintain its dividend, reduce debt to the extent possible under borrowing agreements and pursue prudent, bolt-on acquisitions that are consistent with the Company's growth strategies. The Company's cash flows are further discussed in the "Liquidity and Capital Resources" section.

Segment Summary

The Harsco Infrastructure Segment generated lower revenue and operating income in 2009 compared with 2008. The reductions in 2009 were due principally to reduced end-market demand, particularly in the United Kingdom, North America and several other key European countries, and negative foreign currency translation effects. Lower demand was driven by the lack of available credit to certain customers that has resulted in cancelled and delayed non-residential construction projects, as well as a significant decline in export sales of infrastructure-related equipment. This Segment's revenues in 2009 were \$1.2 billion compared with \$1.5 billion in 2008, a 25% decrease. Operating income decreased by 63% to \$68.4 million, from \$185.4 million in 2008. Operating margins for the Segment declined to 5.9% from 12.0% in 2008. Foreign currency translation decreased revenues and operating income for 2009 by \$113.1 million and \$14.2 million, respectively, in comparison with 2008. Harsco Infrastructure accounted for 39% and 31% of the Company's revenues and operating income, respectively, in 2009; compared with 39% and 45% of the revenues and operating income, respectively, for 2008.

Results for the Harsco Metals Segment for 2009 reflected unprecipitated customer steel production cuts resulting from lower end-market demand due to the global recession. Revenues for 2009 for the Harsco Metals Segment were \$1.1 billion compared with \$1.6 billion in 2008, a 31% decrease. Volume decreases attributable to steel production cuts drove 72% of the reduction in year-over-year sales and negative foreign currency translation contributed 26% of the decline. This Segment generated operating income of \$15.9 million during 2009 compared with operating income of \$85.3 million in 2008. Foreign currency translation decreased revenues and operating income for 2009 by \$126.5 million and \$16.4 million, respectively, in comparison with 2008. Harsco Metals accounted for 36% and 7% of the Company's revenues and operating income, respectively, in 2009; compared with 40% and 21% of the revenues and operating income, respectively, for 2008.

The Harsco Rail Segment's revenues in 2009 were \$306.0 million compared with \$277.6 million in 2008, a 10% increase. Operating income increased by 55% to \$56.5 million from \$36.4 million in 2008. Operating margins for this Segment increased by 540 basis points to 18.5% from 13.1% in 2008. The Harsco Rail business generated higher revenues in 2009 compared with 2008 due principally to shipments of equipment to China under contracts with the China Ministry of Railways. Harsco Rail accounted for 10% and 26% of the Company's revenues and operating income, respectively, in 2009, compared with 7% and 9% of the revenues and operating income, respectively, for 2008.

In the All Other Category ("Harsco Minerals & Harsco Industrial"), revenues in 2009 were \$440.3 million compared with \$572.0 million in 2008, a decrease of 23%. Operating income decreased by 28% to \$82.5 million from \$114.5 million in 2008, due principally to volume and commodity price declines in the minerals business and an overall market decline in the industrial grating products business. Operating margins for the All Other Category decreased by 130 basis points to a still respectable 18.7% from 20.0% in 2008. The minerals business continued to be adversely impacted by the downturn in metals production and fluctuating commodity prices and the industrial products business experienced an overall market decline as customers reduced stock levels from high 2008 inventory levels. The All Other Category accounted for 15% and 38% of the Company's revenues and operating income, respectively, in 2009 compared with 14% and 28% of the revenues and operating income, respectively, for 2008.

2009 Highlights

The following significant items affected the Company overall during 2009 in comparison with 2008:

Company-Wide:

- Revenues and operating income were impacted by the global recession as:
 - The average value of the U.S. dollar increased significantly from 2008 to 2009, accounting for 26% of the sales decline and 16% of the decline in operating income;
 - Global steel production, which began to decline in the latter part of 2008, remained at unprecedented low levels in 2009; and
 - Restrictive lending and credit practices continued to adversely affect non-residential construction projects worldwide; this was coupled with pricing pressure as customers sought price breaks and competitors pursued the limited number of available projects.
- During 2009, the Company's operating income benefited from the restructuring actions implemented in the fourth quarter of 2008. Operational improvements were also recognized as a result of additional countermeasures implemented throughout 2009 targeting expense reduction, revenue enhancement and asset optimization. Cost savings from the combination of the 2008 and 2009 countermeasures should manifest themselves throughout 2010 and beyond with significant annualized benefits.
- Due to strong operating cash flows and controlled capital spending, the Company repaid debt of \$84.3 million in 2009. Balance sheet debt declined by \$28.0 million in the same period due to foreign currency translation.
- Cash flow from operations for 2009 was \$434.5 million. This was more than sufficient to fund the cash requirements for investing activities of \$269.4 million while also providing excess funds to reduce debt.

Harsco Infrastructure Segment:

<i>(Dollars in millions)</i>	2009	2008
Revenues	\$1,159.2	\$1,540.3
Operating income	68.4	185.4
Operating margin percent	5.9%	12.0%

Harsco Infrastructure Segment – Significant Effects on Revenues:

<i>(In millions)</i>	
Revenues – 2008	\$1,540.3
Net decreased volume	(277.9)
Impact of foreign currency translation	(113.1)
Acquisitions	9.9
Revenues – 2009	\$1,159.2

Harsco Infrastructure Segment – Significant Effects on Operating Income:

- In 2009, the Segment's operating results decreased due to reduced non-residential, commercial and infrastructure construction spending, particularly in the United Kingdom, North America and several other key European countries. This was partially offset by continued strength in emerging economies in the Gulf Region of the Middle East and Asia-Pacific regions, as well as the global industrial maintenance sector. The Company has benefited from its capital investments made in these markets in prior years and its ability to redeploy equipment throughout the world.
- In response to further deterioration of global infrastructure markets during 2009, this Segment implemented additional countermeasures targeting expense reduction, asset optimization and facility rationalization.
- Foreign currency translation in 2009 decreased operating income for this Segment by \$14.2 million compared with 2008.

Harsco Metals Segment:

<i>(Dollars in millions)</i>	2009	2008
Revenues	\$1,084.8	\$1,577.7
Operating income	15.9	85.3
Operating margin percent	1.5%	5.4%

Harsco Metals Segment – Significant Effects on Revenues:

<i>(In millions)</i>	
Revenues – 2008	\$1,577.7
Net decreased volume	(356.1)
Impact of foreign currency translation	(126.5)
Adjustments and other charges	(10.3)
Revenues – 2009	\$1,084.8

Harsco Metals Segment – Significant Effects on Operating Income:

- Revenues, operating income and margins for 2009 were negatively impacted by unprecedented declines in global steel production and the stronger U.S. dollar in 2009 compared with 2008. Liquid steel tons produced by customers were reduced by approximately 30% compared with 2008.
- During 2009, this Segment's operating income benefited from the restructuring actions implemented in the fourth quarter of 2008. Operating results also benefited from additional countermeasures implemented during 2009 targeting expense reduction, revenue enhancement and asset optimization.
- A reversal of revenue improperly recognized over the prior three years resulted in an operating income decrease that was recorded in the third quarter of 2009. The improperly recorded revenue related to the failure to receive advance customer agreement and to invoice on a timely basis for additional work performed for two customers. This matter was isolated to a business unit in one country and is considered a one-time event.
- Foreign currency translation in 2009 decreased operating income for this Segment by \$16.4 million compared with 2008.

Harsco Rail Segment:

<i>(Dollars in millions)</i>	2009	2008
Revenues	\$306.0	\$277.6
Operating income	56.5	36.4
Operating margin percent	18.5%	13.1%

Harsco Rail Segment – Significant Effects on Revenues:

<i>(In millions)</i>	
Revenues – 2008	\$277.6
Net increased volume	35.6
Impact of foreign currency translation	(7.2)
Revenues – 2009	\$306.0

Harsco Rail Segment – Significant Effects on Operating Income:

- This Segment's operating income increased for 2009 due in part to shipments of equipment to China under contracts with the China Ministry of Railways, partially offset by lower spare parts sales.
- During 2009, this Segment's operating income and margins also benefited from ongoing Continuous Improvement initiatives.
- Foreign currency translation in 2009 reduced operating income for this Segment by \$1.3 million compared with 2008.

All Other Category – Harsco Minerals & Harsco Industrial:

<i>(Dollars in millions)</i>	2009	2008
Revenues	\$440.3	\$572.0
Operating income	82.5	114.5
Operating margin percent	18.7%	20.0%

All Other Category – Harsco Minerals & Harsco Industrial – Significant Effects on Revenues:

<i>(In millions)</i>	
Revenues – 2008	\$572.0
Industrial grating products	(51.7)
Air-cooled heat exchangers	(45.1)
Reclamation and recycling services	(19.8)
Impact of foreign currency translation	(7.9)
Roofing granules and abrasives	(5.9)
Heat transfer equipment	(1.3)
Revenues – 2009	\$440.3

All Other Category – Harsco Minerals & Harsco Industrial – Significant Effects on Operating Income:

- The economic downturn and customer decreases in inventory levels compared with 2008 contributed to a reduction in operating income for the industrial grating products business.
- The air-cooled heat exchangers business experienced a modest increase in operating income in 2009 as declines in operating income due to sales volume decreases were offset by lower commodity costs and benefits from Continuous Improvement actions.
- Operating income for the minerals business decreased in 2009 due to significantly lower metal prices and product mix.
- Countermeasures targeting expense reduction, revenue enhancement and asset optimization were implemented in these businesses and partially offset the declines in operating income.
- Foreign currency translation in 2009 decreased operating income for the All Other Category by \$1.4 million compared with 2008.

Outlook, Trends and Strategies

Company-Wide:

Economic uncertainty remains throughout the world as a result of the global financial and economic crisis that started in 2008. During the latter part of 2009, certain negative economic trends began to slowly abate, as overall steel production at mills served by the Company's operations showed a modest sequential quarterly increase and the U.S. dollar weakened against certain major currencies. While improving steel production and a weaker U.S. dollar generally contribute positively to the Company's performance, expectations are that many of the challenges stemming from the global recession will continue in 2010, particularly in the first half, with the first quarter being the worst of the year.

The lack of activity in many of the non-residential, commercial construction markets served by the Company poses near-term challenges that include further pressure on pricing and equipment utilization. These lower levels of activity have been exacerbated by extreme winter weather conditions across many parts of Europe and the United States, which are also expected to have a negative impact on operating results in the first quarter of 2010.

Although global economic conditions remain uncertain, the Company believes it is well-positioned to capitalize on opportunities and execute appropriate countermeasures based on its strong balance sheet, available liquidity and ability to generate strong operating cash flows. The Company has implemented and will continue to proactively and aggressively implement countermeasures to reinforce current and future performance. The Company is confident that its on-going cost-reduction initiatives, its global supply chain initiative with IBM, along with its Continuous Improvement program, have significantly reduced, and will continue to reduce, the Company's cost structure and further enhanced its financial strength. The Company's expansion of its global footprint in emerging markets; its diversity of services and products in industries that are fundamental to global growth; its long-term mill services and minerals supply contracts; the portability and mobility of its infrastructure services equipment; and its large infrastructure services customer base help mitigate its overall exposure to changes in any single economy. However, continued or further deterioration of global economies could still have an adverse impact on the Company's operating results.

The following significant items, risks, trends and strategies are expected to affect the Company in 2010 and beyond:

- The Company expects continued strong cash flows from operating activities. The Company also expects to maintain discipline to limit capital expenditures through its ability to redeploy equipment to new projects, without jeopardizing the productivity of the equipment. The Company believes that in the current economic environment, the mobile nature of its capital investment pool will facilitate strategic growth initiatives in the near term, lessening the need for growth capital expenditures for 2010.
- Management will continue to be very selective and disciplined in allocating capital, choosing projects with the highest Economic Value Added ("EVA®") potential.
- The Company will continue to develop and implement countermeasures, as it has on an ongoing basis since the fourth quarter of 2008, to further compress underlying administration and operating costs to match the current economic environment and lower its break-even point without sacrificing quality of output.
- Continued implementation of the Company's enterprise-wide Continuous Improvement program is expected to provide long-term benefits and enhance the overall performance of the Company through increased efficiency and a reduced cost structure.
- The Company announced in January 2010 that it has embarked upon a business transformation initiative designed to create significant operating and cost efficiencies by improving the Company's internal supply chain planning, logistics, scheduling and integration throughout its worldwide operations. This project is expected to contribute to the Company's EVA growth but could result in near-term cost increases and capital expenditures.
- The Company will continue to place a strong focus on corporate-wide expansion into emerging economies to grow and better balance its geographic footprint. More specifically, the Company's global growth strategies include steady, targeted expansion, particularly in the Gulf Region of the Middle East and Africa, Asia-Pacific and Latin America, to further complement the Company's already-strong presence throughout Europe and North America. Growth is expected to be achieved through the provision of additional services to existing customers, new contracts in both developed and emerging markets,

and targeted, strategic, bolt-on acquisitions in strategic countries and market sectors. Additionally, new higher-margin service and sales opportunities in the minerals and rail businesses will be pursued globally. This strategy is expected to develop a significant increase to the Company's presence in these markets to achieve approximately 30% of total Company revenues from emerging markets over the next several years and closer to 40% in the longer-term. Over time, the improved geographic footprint will also benefit the Company through further diversification of its customer base.

- Fluctuations in the U.S. dollar can have significant impacts in the Harsco Infrastructure and Harsco Metals Segments, as approximately 80% to 85% of the revenues generated in these businesses are outside the United States. If the U.S. dollar would strengthen, as it did overall from 2008 to 2009, sales and operating income would generally be reduced. If the U.S. dollar were to weaken, sales and operating income would generally improve.
- Governments around the world have enacted stimulus packages to promote much-needed infrastructure projects. Any substantial near-term benefit from stimulus packages is uncertain, particularly in the United States and the United Kingdom. When stimulus package funding becomes available for infrastructure projects, which has been limited thus far, the Harsco Infrastructure and the Harsco Rail Segments are well positioned with their engineering expertise and the Company's capital investment base to take advantage of any expected opportunities. The Harsco Minerals business should also benefit from increased demand for its abrasive products as required by refurbishment stimulus projects.
- Steel production in 2010 is expected to increase over levels in 2009, benefitting the Harsco Metals Segment.
- Volatility in energy and commodity costs (e.g., crude oil, natural gas, steel, etc.) and worldwide demand for these commodities could impact the Company's operations. Cost increases could result in reduced operating income for certain products and services, to the extent that such costs cannot be passed to customers. Cost decreases could result in increased operating income to the extent that such cost savings do not need to be passed on to customers. However, volatility in energy and commodity costs may provide additional service opportunities for the Harsco Metals Segment and several businesses in the All Other Category as customers may outsource more services to reduce overall costs. Volatility may also provide opportunities in the Harsco Infrastructure Segment for additional industrial plant maintenance and capital improvement projects. In addition to embracing opportunities for revenue enhancement, the Company seeks to mitigate these costs as part of its ongoing enterprise-wide optimization initiatives.

- Total defined benefit net periodic pension expense for 2010 is expected to be approximately \$21 million, slightly higher than 2009. The increased expense is due to a lower discount rate at December 31, 2009, partially offset by higher than expected returns on plan assets in 2009. These two factors are the primary drivers of the Company's defined benefit net periodic pension expense as future service is no longer a factor in substantially all of the Company's significant defined benefit plans.
- The Company has maintained a capital structure with a balance sheet debt to capital ratio approximating 40% for the last several years. In October 2010, the Company's 200 million British pound sterling-denominated notes (approximately \$323 million at December 31, 2009) will mature. The Company expects to refinance these notes during 2010 through public debt, commercial paper borrowings or its revolving credit facilities.
- As the Company has continued the strategic expansion of its global footprint, it has lowered its effective income tax rate. The reduction reflects earnings in jurisdictions with lower tax rates coupled with the deferral of profits generated internationally. The effective income tax rate for 2010, before discrete items, is currently expected to be approximately 24% to 26%.
- Currently, a majority of the Company's revenue is generated from customers located outside the United States, and a substantial portion of the Company's assets and employees are located outside the United States. U.S. income tax and foreign withholding taxes have not been provided on undistributed earnings for certain non-U.S. subsidiaries, because such earnings are intended to be indefinitely reinvested in the operations of those subsidiaries. Several U.S. legislation proposals have been announced that would substantially reduce (or have the effect of substantially reducing) the Company's ability to defer U.S. taxes on profit permanently reinvested outside the United States. Proposals to date could have a negative impact on the Company's financial position and operating results. Additionally, they could have a negative impact on the Company's ability to compete in the global marketplace. The probability of any of these proposals being enacted cannot be predicted with any certainty. Indications are that reform in 2010 is still likely, but such reform may be structured with more of the business community's concerns in mind. Nonetheless, the Company is working with legislators with the goal of achieving a balanced and fair approach to tax reform. The Company continues to monitor legislation to be in position to structure operations in a manner that will reduce the impact of enacted changes.

- The Company's Harsco Minerals business generates value by capturing and processing boiler slag, which is a coal combustion by-product. The EPA is considering increased regulation of the management of coal combustion by-products. Such requirement could affect the Harsco Minerals business. The Company is confident at this time, based upon EPA confirmation in the year 2000 and again in 2009, that there is no change in science that requires increased regulation of boiler slag. Additionally, the Company believes no scientific data exists to support reclassification of boiler slag.

Harsco Infrastructure Segment:

- The near-term outlook for the Harsco Infrastructure Segment is impacted by continued uncertainty in global credit markets, which has caused construction projects to be deferred or cancelled, thus contributing to pricing pressure. The current lack of activity in non-residential, commercial construction markets, particularly in the United Kingdom, Ireland, other parts of Europe and the United States, coupled with harsh winter weather conditions across many parts of Europe and the United States, are expected to present very challenging business conditions in the first half of 2010, particularly in the first quarter. As a result, the Company expects an operating loss in the Harsco Infrastructure Segment for the quarter ending March 31, 2010.
- The Company has initiated a transformational strategy in the Harsco Infrastructure Segment that includes the following:
 - Effective in January 2010, all operations within this Segment have been rebranded as Harsco Infrastructure. Previously, the Harsco Infrastructure Segment utilized three brand names (SGB Group, Hünnebeck Group and Patent Construction Systems).
 - The costs and viability of the existing branch structure will continue to be scrutinized with a targeted goal of reducing the number of branches by 25% from the 2008 number, exclusive of recent acquisitions.
 - A global supply chain optimization plan is being developed to identify initiatives that, when implemented, should generate considerable operating and cost efficiencies.
 - The productivity of branches will be improved through the continued use of the Company's Continuous Improvement program and implementation of best practices across the network of branches.
 - Additional countermeasures to adjust administration and operating costs to match the economic environment and to lower the Segment's cost structure are being implemented. To assist in accelerating these initiatives, the Company expects to incur approximately \$8 million to \$10 million in restructuring costs during the first quarter of 2010.
- The Company has initiated strategies to reposition the business, focusing increasingly on projects in the global industrial maintenance and infrastructure construction sectors. In 2009, approximately 40% of the Segment's business was in the commercial and multi-family sector, which has been impacted the most by tightened credit restrictions and the global economic downturn. The remainder of current business was spread approximately 30% each to the industrial maintenance and the infrastructure sectors. Over the next few years, the Company is targeting an allocation of approximately 40% each in the industrial maintenance and infrastructure sectors, with 20% in the commercial and multi-family sector. Industrial maintenance contracts generally are long-term contracts with sustainable revenue streams serving the oil and gas, pharmaceutical, chemical, electric utility power plant and steel industries. Infrastructure contracts also tend to be longer-term contracts with "blue-chip" contractors and include government-sponsored projects from stimulus programs.
- The Company will continue to emphasize prudent expansion of its geographic presence in this Segment through entering new markets and through further expansion in emerging economies, with a focus on China, India and Latin America. The Harsco Infrastructure Segment's value-added services and engineered forming, shoring and scaffolding systems, combined with its mobile capital investment base, will continue to be leveraged to grow the business as expansion opportunities occur.
- In 2010, the Company will fully integrate its recent acquisitions: ESCO, a regional leader in infrastructure services in seven countries in Central and South America, and Bell Scaffolding Group, with operations across the eastern seaboard of Australia. ESCO is expected to provide an opportunity for the Company to scale its operations across the Latin American region, while Bell Scaffolding provides opportunities for further growth throughout Australia and other neighboring regions.
- Further declines in the economy and, more specifically, the construction industry may impact the ability of customers to meet their obligations to the Company on a timely basis and could adversely impact the realizability of receivables, particularly if customers file for bankruptcy protection or receivership.

Harsco Metals Segment:

- Steel industry expectations are that steel production will increase in 2010 compared with 2009, but not to the levels of the first half of 2008, prior to the beginning of the global recession. Consistent with the industry overall, the Harsco Metals Segment's customers increased their production in the last half of 2009, and those production levels are expected to increase modestly throughout 2010.
- The Company expects that customer production growth in 2010 can be accommodated with minimal headcount additions and limited capital spending by continued adherence to the Company's Continuous Improvement program and prudent redeployment of labor and capital.
- Benefits from the Company's 2008 restructuring program and additional countermeasures implemented in 2009 should continue to improve the operational efficiency and enhance profitability of the Harsco Metals Segment in 2010 and beyond. Additional countermeasures will be undertaken in 2010 to continue to lower the cost base of this Segment. Restructuring and countermeasure initiatives to date have included: improved terms or exit from underperforming contracts with customers and underperforming operations; defined benefit pension plan design changes; overall reduction in the global workforce; and a substantial reduction in discretionary spending.
- The Company anticipates that tightening environmental regulations will compel customers to address their production waste streams as an opportunity to maximize environmental compliance. This should provide additional revenue opportunities for the Company. The Harsco Metals Segment's 2009 award of a \$50 million, multi-year contract to clean up 3 million cubic yards of material left behind at an abandoned steelworks may be seen as a model for similar sites by the U.S. Environmental Protection Agency. The Company will continue to pursue growth opportunities in environmental services as awareness of environmental issues creates additional outsourced functions in slag management.
- As the steel manufacturing footprint moves towards developing countries, the Company will continue to execute a geographic expansion strategy in emerging markets in the Gulf Region of the Middle East and Africa, Latin America and Asia-Pacific.
- Further consolidation in the global steel industry is possible. Should additional consolidations occur involving some of the steel industry's larger companies that are customers of the Company, it could result in an increase in concentration of revenues and credit risk for the Company. If a large customer were to experience financial difficulty, or file for bankruptcy protection, it could adversely impact the Company's income, cash flows and asset valuations. As part of its

credit risk management practices, the Company closely monitors the credit standing and accounts receivable position of its customer base. Further consolidation may also increase pricing pressure on the Company and the competitive risk of services contracts that are due for renewal. Conversely, such consolidation may provide additional service opportunities for the Company as the Company believes it is well-positioned competitively. As a result of this customer concentration, a key strategy of the Company is to diversify its customer base and expand to emerging market customers.

Harsco Rail Segment:

- The Harsco Rail Segment has a strong backlog for 2010 due principally to ongoing production of rail grinding machines for the China Ministry of Railways. The contract will generate revenues through 2011.
- Further implementation of the Company's Continuous Improvement initiatives are expected to improve margins on a long-term basis.
- U.S. and global customers are investing heavily in rebuilding their physical assets. Although reduced freight revenues experienced by a customer may involve a cut in track maintenance budgets, improved margins can be realized due to extended work windows as increased track time is available for maintenance activity. U.S. railway track maintenance service opportunities are expected to increase over the mid-term as many states have budget proposals for track services under the U.S. stimulus package. New construction of high-speed rail systems is also expected to be financed with government funds over the near and long term.
- International demand for railway track maintenance services, solutions and equipment is expected to be strong in both the near term and the long term. The Harsco Rail Segment expects to develop a larger presence in certain developing countries as track maintenance and construction needs grow. Global bidding activity has been strong.
- This Segment will continue to pursue cost-reduction initiatives to reduce its overall cost base. These initiatives could result in near-term capital expenditures and restructuring costs.

All Other Category – Harsco Minerals & Harsco Industrial:

- The Company will emphasize prudent global expansion of its minerals business for extracting high-value metallic content from slag and responsibly handling and recycling residual materials. Environmental services provide growth opportunities in the minerals business as additional outsourced functions in slag management of stainless steel and other high-value metals arise.

- Improved customer production levels should have an overall positive effect on certain reclamation and recycling services in the near-term. Metal prices remained relatively flat in the latter part of 2009; however, any increases would have a positive effect on operating results, while decreases would have a negative impact.
- Certain businesses in this Category are dependent on a small group of key customers. The loss of one of these customers due to competition or due to financial difficulty, or the filing for bankruptcy protection, could adversely impact the Company's income, cash flows and asset valuations. As part of its credit risk management practices, the Company closely monitors the credit standing and accounts receivable position of its customer base.
- Worldwide supply and demand for steel and other commodities impact raw material costs for certain businesses in this Category. The Company has implemented strategies to help mitigate the potential impact that changes in steel and other commodity prices could have on operating income. If steel or other commodity costs

associated with the Company's manufactured products increase and the costs cannot be passed on to the Company's customers, operating income would be adversely affected. Conversely, reduced steel and other commodity costs would improve operating income to the extent such savings do not have to be transferred to customers.

- The air-cooled heat exchangers business continues to explore international opportunities in addition to further growth in its customary North American markets. Overall sales are expected to be negatively impacted by a lower level of industrial demand for natural gas as a result of lower natural gas prices and the global recession. Low natural gas prices throughout 2009 curtailed the need for additional gas compression and coolers to support that compression. Increased industrial use due to improving economic conditions, as well as weather patterns over the winter months, will influence the price and demand for natural gas and, consequently, the demand for heat exchanger equipment. Colder weather tends to increase demand for heat exchanger equipment while warmer weather tends to result in reduced demand.

Results of Operations for 2009, 2008 and 2007

<i>(Dollars are in millions, except per share information and percentages)</i>	2009	2008	2007
Revenues from continuing operations	\$2,990.6	\$3,967.8	\$3,688.2
Cost of services and products sold	2,252.1	2,926.4	2,685.5
Selling, general and administrative expenses	509.1	602.2	538.2
Other expenses	7.6	22.0	3.4
Operating income from continuing operations	218.7	412.0	457.8
Interest expense	62.7	73.2	81.4
Income tax expense from continuing operations	18.5	91.8	117.6
Income from continuing operations ^(a)	140.8	251.5	264.8
Income (loss) from discontinued operations	(15.1)	(4.7)	44.4
Net income attributable to Harsco Corporation	118.8	240.9	299.5
Diluted earnings per common share from continuing operations attributable to Harsco Corporation common stockholders	1.66	2.92	3.01
Effective income tax rate for continuing operations	11.6%	26.7%	30.7%

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests and that a company present a consolidated net income measure that includes the amount attributable to such noncontrolling interests for all periods presented. Results for 2008 and 2007 have been reclassified accordingly.

Comparative Analysis of Consolidated Results

Revenues

2009 vs. 2008

Revenues for 2009 decreased \$977.2 million or 25% from 2008. This decrease was attributable to the following significant items:

(In millions)	Change in Revenues 2009 vs. 2008
\$(356.1)	Net decreased volume due principally to the deterioration of the global steel markets in the Harsco Metals Segment.
(277.9)	Net decreased revenues in the Harsco Infrastructure Segment due to lower sales and rentals, principally due to lower construction activity globally as a result of economic decline.
(254.7)	Effect of foreign currency translation.
(51.7)	Reduced demand for industrial grating products coupled with lower pricing levels.
(45.1)	Decreased revenues of the air-cooled heat exchangers business due to a weaker natural gas market.
(19.8)	Net decreased revenues in the reclamation and recycling services business due to lower commodity pricing, partially offset by net increased volume.
(5.9)	Decreased volume in the roofing granules and abrasives business.
(11.5)	Other (minor changes across the various units not already mentioned).
35.6	Net increased revenues in the Harsco Rail Segment due principally to a higher level of rail equipment shipments to China in 2009 and increased contract services, partially offset by lower repair parts sales.
9.9	Effect of business acquisitions in the Harsco Infrastructure Segment.
\$(977.2)	Total Change in Revenues 2009 vs. 2008

2008 vs. 2007

Revenues for 2008 increased \$279.7 million or 8% from 2007. This increase was attributable to the following significant items:

(In millions)	Change in Revenues 2008 vs. 2007
\$ 80.3	Net increased revenues in the Harsco Infrastructure Segment due principally to non-residential and infrastructure construction in international markets, particularly in the Middle East and Europe, and North American markets.
58.5	Effect of business acquisitions. Increased revenues of \$30.0 million, \$15.6 million, \$2.0 and \$10.9 million in the Harsco Metals Segment, Harsco Infrastructure Segment, Harsco Rail Segment and the All Other Category (Harsco Minerals & Harsco Industrial), respectively.
46.8	Increased revenues in the Harsco Rail Segment due to a higher level of rail equipment shipments in 2008 and increased repair parts sales, partially offset by decreased contract services.
30.8	Effect of foreign currency translation.
22.0	Increased revenues of the air-cooled heat exchangers business due to a strong natural gas market.
18.7	Increased revenues of the industrial grating products business due to increased prices.
18.6	Net increased volume, new business and sales price changes in the Harsco Metals Segment (excluding acquisitions).
5.9	Increased revenues in the roofing granules and abrasives business resulting from price increases and product mix.
4.6	Other (minor changes across the various units not already mentioned).
(6.5)	Net decreased revenues in the reclamation and recycling services business due to lower metal prices and reduced volume.
\$279.7	Total Change in Revenues 2008 vs. 2007

Cost of Services and Products Sold

2009 vs. 2008

Cost of services and products sold for 2009 decreased \$674.3 million or 23% from 2008. This decrease was attributable to the following significant items:

(In millions)	Change in Cost of Services and Products Sold 2009 vs. 2008
\$(500.9)	Decreased costs due to lower revenues (exclusive of the effect of foreign currency translation and business acquisitions, and including the impact of lower commodity and energy costs included in selling prices).
(180.4)	Effect of foreign currency translation.
(2.7)	Other (product/service mix and increased equipment maintenance costs, partially offset by enterprise business optimization initiatives and volume-related efficiencies).
9.7	Business acquisitions.
\$(674.3)	Total Change in Cost of Services and Products Sold 2009 vs. 2008

2008 vs. 2007

Cost of services and products sold for 2008 increased \$240.9 million or 9% from 2007, slightly higher than the 8% increase in revenues. This increase was attributable to the following significant items:

<i>(In millions)</i>	Change in Cost of Services and Products Sold 2008 vs. 2007
\$129.5	Increased costs due to increased revenues (exclusive of the effect of foreign currency translation and business acquisitions, and including the impact of increased commodity and energy costs included in selling prices).
45.7	Business acquisitions.
40.8	Other (product/service mix and increased equipment maintenance costs, partially offset by enterprise business optimization initiatives and volume-related efficiencies).
24.9	Effect of foreign currency translation.
\$240.9	Total Change in Cost of Services and Products Sold 2008 vs. 2007

Selling, General and Administrative Expenses

2009 vs. 2008

Selling, general and administrative ("SG&A") expenses for 2009 decreased \$93.1 million or 16% from 2008. This decrease was attributable to the following significant items:

<i>(In millions)</i>	Change in Selling, General and Administrative Expenses 2009 vs. 2008
\$(43.7)	Effect of foreign currency translation.
(22.3)	Decreased compensation expense due to lower employment levels.
(12.8)	Other (due to spending reductions).
(8.4)	Decreased travel expenses due to discretionary spending reductions.
(8.2)	Lower professional fees due to discretionary spending reductions.
(2.9)	Lower bad debt expense.
2.6	Increased sales commissions, largely related to increased revenues in the Harsco Rail Segment.
2.6	Effect of business acquisitions.
\$(93.1)	Total Change in Selling, General and Administrative Expenses 2009 vs. 2008

2008 vs. 2007

SG&A expenses for 2008 increased \$63.9 million or 12% from 2007. This increase was attributable to the following significant items:

<i>(In millions)</i>	Change in Selling, General and Administrative Expenses 2008 vs. 2007
\$23.5	Increased compensation expense due to salary increases resulting from overall business growth, partially offset by lower employee incentive plan costs.
9.5	Increased professional fees due to global optimization projects and global business expansion.
6.8	Business acquisitions.
6.8	Other expenses.
4.7	Increased bad debt expense.
3.6	Increased travel expenses to support business expansion and optimization projects.
3.2	Increased sales commissions, largely related to increased revenues in the Harsco Rail Segment.
3.2	Higher depreciation expense principally related to the implementation of enterprise-wide information technology systems and related hardware.
2.6	Effect of foreign currency translation.
\$63.9	Total Change in Selling, General and Administrative Expenses 2008 vs. 2007

Other Expenses

This income statement classification includes impaired asset write-downs, employee termination benefit costs and costs to exit activities, offset by net gains on the disposal of non-core assets.

2009 vs. 2008

Net Other Expenses of \$7.6 million for 2009 decreased \$14.4 million from \$22.0 million in 2008. This decrease in other expenses primarily relates to restructuring charges that the Company incurred during the fourth quarter of 2008 that were not repeated at the same level.

2008 vs. 2007

Net Other Expenses of \$22.0 million for 2008 increased \$18.5 million from \$3.4 million for 2007. This increase in other expenses primarily relates to restructuring charges that the Company incurred during the fourth quarter of 2008.

For additional information, see Note 15, Other (Income) and Expenses, to the Consolidated Financial Statements.

Interest Expense

2009 vs. 2008

Interest expense in 2009 was \$62.7 million, a decline of \$10.4 million or 14% compared with 2008. This was principally due to lower overall debt levels in 2009 and, to a lesser extent, lower interest rates on variable interest rate borrowings. The impact of foreign currency translation also reduced interest expense by approximately \$4.4 million.

2008 vs. 2007

Interest expense in 2008 was \$73.2 million, a decline of \$8.2 million or 10% compared with 2007. This was principally due to lower overall debt levels in 2008 and, to a lesser extent, lower interest rates on variable interest rate borrowings. The impact of foreign currency translation also reduced interest expense by approximately \$0.5 million.

Income Tax Expense from Continuing Operations

2009 vs. 2008

Income tax expense from continuing operations decreased \$73.3 million or 80% in 2009 compared with 2008. This decline was due to lower earnings from continuing operations and a decrease in the effective

income tax rate from continuing operations. The effective income tax rate relating to continuing operations for 2009 was 11.6% versus 26.7% for 2008. The decrease in the effective income tax rate for 2009 compared with 2008 reflected a decline in earnings in jurisdictions with higher tax rates, a change in the permanent reinvestment in current year earnings, and certain net discrete tax benefits recognized in 2009. The net discrete benefits include a change in the permanent reinvestment of prior year undistributed earnings and the recognition of previously unrecognized tax benefits in certain foreign and state jurisdictions, offset by an increase in unrecognized tax benefits related to an ongoing dispute between the European Union and a specific European country.

2008 vs. 2007

The decrease in 2008 of \$25.8 million or 22% in the provision for income taxes from continuing operations was primarily due to a lower effective income tax rate from continuing operations and lower pre-tax income. The effective income tax rate relating to continuing operations for 2008 was 26.7% versus 30.7% for 2007. The decrease in the effective income tax rate for the year 2008 was primarily due to increased earnings in jurisdictions with lower tax rates; increased designation of certain international earnings as permanently reinvested; and the recognition of previously unrecognized tax benefits in certain state and foreign jurisdictions.

For additional information, see Note 9, Income Taxes, to the Consolidated Financial Statements.

Income from Continuing Operations

2009 vs. 2008

Income from continuing operations in 2009 of \$140.8 million was \$110.7 million or 44% lower than 2008. This decrease resulted from the global economic downturn that continued throughout 2009 and the slower than expected recovery.

2008 vs. 2007

Income from continuing operations in 2008 of \$251.5 million was \$13.3 million or 5% lower than 2007. This decrease resulted from the overall economic downturn beginning in the fourth quarter and the restructuring charges taken by the Company as a result of the downturn.

Loss from Discontinued Operations

2009 vs. 2008

A loss from discontinued operations of \$15.1 million was generated in 2009 due to the resolution of open claims and counterclaims that had been submitted to arbitration related to the disposition of the Gas Technologies Segment, coupled with the tax effect from the final purchase price allocation. This compares with a loss of \$4.7 million in 2008 due principally to working capital adjustments and other costs associated with the disposition of the Gas Technologies Segment.

2008 vs. 2007

A loss from discontinued operations of \$4.7 million was generated in 2008 due to working capital adjustments and other costs associated with the disposition of the Gas Technologies Segment, coupled with the tax effect of the purchase price allocation. This compares with income of \$44.4 million in 2007 due principally to the sale of the Company's Gas Technologies Segment in December 2007.

Net Income Attributable to Harsco Corporation and Earnings Per Share

2009 vs. 2008

Net income attributable to Harsco Corporation of \$118.8 million and diluted earnings per share of \$1.47 in 2009 were lower than 2008 by \$122.2 million or 51% and \$1.40 or 49%, respectively, due to decreased income from continuing operations and increased losses from discontinued operations for the reasons described above.

2008 vs. 2007

Net income attributable to Harsco Corporation of \$240.9 million and diluted earnings per share of \$2.87 in 2008 were lower than 2007 by \$58.5 million or 20% and \$0.66 or 19%, respectively, due to decreased income from both continuing and discontinued operations for the reasons described above.

Liquidity and Capital Resources

Overview

Global financial markets, which have been under stress since 2008 due to poor financial institution lending and investment practices and sharp declines in real estate values, have started to show signs of improvement for certain highly rated credit issuers. However, during 2009, tightened credit conditions for funding of non-residential construction projects, particularly commercial construction, restrained growth in that sector, and that continues today. In response to these changes in global economic conditions, the Company has undertaken several initiatives to conserve capital and enhance liquidity, including: prudently reducing capital spending to only critical projects where the highest returns can

be achieved while redeploying existing capital investments; optimizing worldwide cash positions; reducing or eliminating discretionary spending; and additional scrutiny and tightening of credit terms with customers.

Despite the global financial market environment, the Company continues to have sufficient available liquidity and has been able to issue commercial paper as needed. The Company currently expects operational and business needs to be covered by cash from operations in 2010 and beyond. Despite the global recession, the Company generated strong operating cash flows of \$434.5 million in 2009. This represents a 24% decrease from 2008 operating cash flow of \$574.3 million. This decrease was primarily due to lower net income in 2009 compared with 2008.

In 2009, the Company invested \$165.3 million in capital expenditures (53% of which were for revenue-growth projects) and paid \$63.8 million in stockholder dividends. Capital expenditures in 2009 were significantly lower than the \$457.6 million invested in capital expenditures during 2008.

The Company's net cash borrowings decreased \$84.3 million in 2009. The decrease in borrowings was driven by the Company's prudent spending on capital investments, which enabled the Company to pay down debt. Balance sheet debt, which is affected by foreign currency translation, decreased \$28.0 million from December 31, 2008. The Company's debt to total capital ratio decreased to 39.5% as of December 31, 2009, due principally to lower debt and increased equity at December 31, 2009. This was the lowest debt to total capital ratio at year-end since December 31, 1998. Debt to total capital was 41.1% at December 31, 2008.

Despite the current global economic conditions, the Company expects to generate strong operating cash flows for 2010. The Company plans to sustain its balanced portfolio through its strategy of redeploying discretionary cash for disciplined growth and international diversification in the Harsco Infrastructure Segment; for growth in long-term, high-return and high-renewal-rate services contracts for the Harsco Metals Segment, principally in emerging economies or for customer diversification; for growth in the Harsco Rail Segment; for growth and international diversification in the All Other Category (Harsco Minerals & Harsco Industrial); and for targeted, bolt-on acquisitions in the industrial services and rail businesses. The Company also foresees continuing its long and consistent history of paying dividends to stockholders.

The Company is also focused on improved working capital management. Specifically, short-term and long-term enterprise business optimization programs are being used to continue to further improve the effective and efficient use of working capital, particularly accounts receivable and inventories in the Harsco Infrastructure, Harsco Metals and Harsco Rail Segments.

Cash Requirements

The following summarizes the Company's expected future payments related to contractual obligations and commercial commitments at December 31, 2009.

Contractual Obligations as of December 31, 2009^(a)

(In millions)	Total	Payments Due by Period			
		Less than 1 year	1-3 years	4-5 years	After 5 years
Short-term Debt	\$ 57.4	\$ 57.4	\$ —	\$ —	\$ —
Long-term Debt (including current maturities and capital leases)	927.5	325.8	5.0	149.6	447.1
Projected interest payments on Long-term Debt ^(b)	265.2	54.1	67.6	57.2	86.3
Pension benefit payments ^(c)	589.2	49.4	105.7	114.9	319.2
Operating Leases	162.3	45.5	54.8	34.5	27.5
Purchase Obligations	88.1	86.0	1.7	0.2	0.2
Foreign Currency Forward Exchange Contracts ^(d)	122.1	122.1	—	—	—
Total Contractual Obligations ^(e)	\$2,211.8	\$740.3	\$234.8	\$356.4	\$880.3

(a) See Note 6, Debt and Credit Agreements; Note 7, Leases; Note 8, Employee Benefit Plans; Note 9, Income Taxes; and Note 13, Financial Instruments, to the Consolidated Financial Statements for additional disclosures on short-term and long-term debt; operating leases; pensions; income taxes; and foreign currency forward exchange contracts, respectively.

(b) The total projected interest payments on Long-term Debt are based upon borrowings, interest rates and foreign currency exchange rates as of December 31, 2009. The interest rates on variable-rate debt and the foreign currency exchange rates are subject to changes beyond the Company's control and may result in actual interest expense and payments differing from the amounts projected above.

(c) Amounts represent expected benefit payments by the defined benefit plans for the next 10 years.

(d) This amount represents the notional value of the foreign currency exchange contracts outstanding at December 31, 2009. Due to the nature of these transactions, there will be offsetting cash flows to these contracts, with the difference recognized as a gain or loss in the Consolidated Statement of Income.

(e) As of December 31, 2009, in addition to the above contractual obligations, the Company had approximately \$47.8 million of long-term tax liabilities, including interest and penalties, related to uncertain tax positions. Because of the high degree of uncertainty regarding the timing of future cash outflows associated with these liabilities, the Company is unable to estimate the years in which settlement will occur with the respective taxing authorities.

Off-Balance Sheet Arrangements— The following table summarizes the Company's contingent commercial commitments at December 31, 2009.

These amounts are not included in the Company's Consolidated Balance Sheets since there are no current circumstances known to management indicating that the Company will be required to make payments on these contingent obligations.

Commercial Commitments as of December 31, 2009

(In millions)	Total Amounts Committed	Amount of Commitment Expiration Per Period				
		Less than 1 Year	1-3 Years	4-5 Years	Over 5 Years	Indefinite Expiration
Standby Letters of Credit	\$193.0	\$137.6	\$51.0	\$1.0	\$ —	\$ 3.4
Guarantees	75.4	11.9	1.0	—	5.6	56.9
Performance Bonds	13.2	11.4	0.3	—	—	1.5
Other Commercial Commitments	11.1	—	—	—	—	11.1
Total Commercial Commitments	\$292.7	\$160.9	\$52.3	\$1.0	\$5.6	\$72.9

Certain guarantees and performance bonds that are of a continuous nature do not have an expiration date and are therefore considered to be indefinite in nature.

Sources and Uses of Cash

The Company's principal sources of liquidity are cash from operations and borrowings under its various credit agreements, augmented periodically by cash proceeds from non-core asset sales. The primary drivers of the Company's cash flow from operations are the Company's sales and income. The Company's long-term Harsco Metals contracts, in addition to the backlog of certain equipment and the long-term nature of certain service contracts within the Harsco Rail Segment, provide predictable cash flows for several years into the future. (See "Certainty of Cash Flows" section for additional information on estimated future revenues of Harsco Metals and Harsco Rail contracts and order backlogs for the Company's manufacturing businesses). Cash returns on capital investments made in prior years, for which no cash is currently required, are a significant source of cash from operations. Depreciation expense related to these investments is a non-cash charge. The Company also continues to maintain working capital at a manageable level based upon the requirements and seasonality of the businesses.

Major uses of operating cash flows and borrowed funds include: capital investments, principally in the industrial services business; payroll costs and related benefits; dividend payments; pension funding payments; inventory purchases for the manufacturing businesses; income tax payments; debt principal and interest payments; insurance premiums and payments of self-insured casualty losses; and machinery, equipment, automobile and facility rental payments. Cash is also used for targeted, bolt-on acquisitions as the appropriate opportunities arise.

Resources available for cash requirements – The Company meets its ongoing cash requirements for operations and growth initiatives by accessing the public debt markets and by borrowing from banks. Public markets in the United States and Europe are accessed through the Company's commercial paper programs and through discrete-term note issuance to investors. Various bank credit facilities are available throughout the world. The Company's 200 million British pound sterling-denominated notes mature in October 2010. The Company expects to utilize both the public debt markets and bank facilities to meet its cash requirements in the future.

The following table illustrates the amounts outstanding under credit facilities and commercial paper programs and available credit as of December 31, 2009:

(In millions)	As of December 31, 2009		
	Facility Limit	Outstanding Balance	Available Credit
U.S. commercial paper program	\$ 550.0	\$20.9	\$ 529.1
Euro commercial paper program	286.3	29.0	257.3
Multi-year revolving credit facility ^(a)	570.0	—	570.0
Bilateral credit facility ^(b)	30.0	—	30.0
Totals at December 31, 2009	\$1,436.3	\$49.9	\$1,386.4^(c)

(a) U.S.-based program.

(b) International-based program.

(c) Although the Company has significant available credit, for practical purposes, the Company limits aggregate commercial paper and credit facility borrowings at any one-time to a maximum of \$600 million (the aggregate amount of the back-up facilities).

During the fourth quarter of 2009, the Company entered into a new three-year revolving credit facility in the amount of \$570 million, through a multi-national syndicate of 21 banks co-led by Citibank and Royal Bank of Scotland. This new facility replaces the \$220 million 364-day revolving credit facility that expired in November 2009, and the \$450 million credit facility the Company terminated in the fourth quarter of 2009. This facility serves as back-up to the Company's commercial paper programs. Interest rates on the facility are based upon either the announced Citibank Prime Rate, the Federal Funds Effective Rate plus a margin or LIBOR plus a margin. The Company pays a facility fee (0.275% per annum as of December 31, 2009) that varies based upon its credit ratings. At December 31, 2009, there were no borrowings outstanding on this credit facility.

The Company's bilateral credit facility was renewed in December 2009. This \$30 million facility serves as back-up to the Company's commercial paper programs and also provides available financing for the Company's European operations. Borrowings under this facility, which expires in December 2010, are available in most major currencies with active markets at interest rates based upon LIBOR plus a margin. Borrowings outstanding at expiration may be repaid over the succeeding 12 months. As of December 31, 2009 and 2008, there were no borrowings outstanding on this facility.

See Note 6, Debt and Credit Agreements, to the Consolidated Financial Statements for more information on the Company's credit facilities.

Credit Ratings and Outlook – The following table summarizes the Company's debt ratings as of December 31, 2009:

	Long-term Notes	U.S.-Based Commercial Paper	Outlook
Standard & Poor's (S&P)	A-	A-2	Stable
Moody's	Baa1	P-2	Stable
Fitch	A-	F2	Stable

The Company's euro-based commercial paper program has not been rated since the euro market does not require it. In January 2010, Moody's reaffirmed the Company's ratings. Standard & Poor's and Fitch ratings were reaffirmed in April 2009 and August 2009, respectively. A downgrade to the Company's credit ratings may increase borrowing costs to the Company, while an improvement in the Company's credit ratings may decrease borrowing costs to the Company. Additionally, a downgrade in the Company's credit ratings may result in reduced access to credit markets.

Working Capital Position – Changes in the Company's working capital are reflected in the following table:

(Dollars are in millions)	December 31, 2009	December 31, 2008	Increase (Decrease)
Current Assets			
Cash and cash equivalents	\$ 94.2	\$ 91.3	\$ 2.9
Trade accounts receivable, net	598.3	648.9	(50.6)
Other receivables, net	30.9	46.0	(15.1)
Inventories	291.2	309.5	(18.3)
Other current assets	151.9	104.5	47.4
Assets held-for-sale	2.8	5.3	(2.5)
Total current assets	1,169.3	1,205.5	(36.2)
Current Liabilities			
Notes payable and current maturities	83.2	121.1	(37.9)
Accounts payable	215.5	262.8	(47.3)
Accrued compensation	67.7	85.2	(17.5)
Income taxes payable	5.9	13.4	(7.5)
Other current liabilities	378.8	405.9	(27.1)
Total current liabilities	751.1	888.4	(137.3)
Working Capital	\$ 418.2	\$ 317.1	\$ 101.1
Current Ratio	1.6:1	1.4:1	

Working capital increased 32% in 2009 due principally to the following factors:

- Net trade accounts receivable decreased \$50.6 million primarily due to lower revenues in 2009 partially offset by foreign currency translation effects.
- Other receivables decreased \$15.1 million primarily due to collections of insurance proceeds related to insured claims settled during the first quarter of 2009 and an income tax refund received in the third quarter of 2009.

- Inventories decreased \$18.3 million primarily due to the Company's focus on reducing inventory levels based upon current market demand, partially offset by higher inventory levels in the Harsco Rail Segment to satisfy current international contracts and foreign currency translation effects.
- Other current assets increased \$47.4 million primarily due to reclassification of noncurrent deferred taxes to current deferred taxes as a result of the expected utilization of these assets in 2010.
- Notes payable and current maturities decreased \$37.9 million due to strong operating cash flows in 2009 that facilitated repayments of short-term commercial paper borrowings and other short-term borrowings, partially offset by the current portion of long-term debt.
- Accounts payable decreased \$47.3 million primarily due to reduced spending levels partially offset by foreign currency translation effects.
- Accrued compensation decreased \$17.5 million due principally to the payment of incentive compensation earned during 2008, coupled with lower incentive compensation accruals at the end of 2009.
- Other current liabilities decreased \$27.1 million due principally to a decline in restructuring reserves from 2008 due to severance payments and a decline in accrued expenses and accrued non-income tax obligations primarily as a result of reduced business activity.

Certainty of Cash Flows – The certainty of the Company's future cash flows is underpinned by the long-term nature of the Company's metals services contracts, the order backlog for the Company's railway track maintenance services and equipment and the strong discretionary cash flows (operating cash flows in excess of the amounts necessary for capital expenditures to maintain current revenue levels) generated by the Company. Historically, the Company has utilized these discretionary cash flows for growth-related capital expenditures and strategic acquisitions. As the Company has demonstrated this year, it has the ability to substantially reduce its capital expenditures without negatively impacting the business. The Company has continued to grow in countries with increased demand through prudent redeployment of its existing equipment.

At December 31, 2009, the Company's metals services contracts had estimated future revenues of \$3.6 billion, compared with \$4.1 billion as of December 31, 2008. The decline is primarily attributable to the revenues recognized during 2009 offset by projected volume from new and renewed contracts. At December 31, 2009, the Company's railway track maintenance services and equipment business had estimated future revenues of \$442.3 million compared with \$518.1 million as of December 31, 2008. This is primarily due to shipment of orders during 2009, partially offset by new orders. The railway track maintenance services and equipment business backlog includes a significant portion that will not be realized until late 2010 and later due to the long lead-time

necessary to build certain equipment, and the long-term nature of certain service contracts. In addition, as of December 31, 2009, the Company had an order backlog of \$48.6 million in its All Other Category (principally for Harsco Industrial). This compares with \$121.6 million as of December 31, 2008. The decrease from December 31, 2008 is due principally to lower demand and completion of orders during 2009. Order backlog for scaffolding, shoring and forming services; for roofing granules and slag abrasives; and for the reclamation and recycling services of high-value content from steelmaking slag is excluded from the above amounts. These amounts are generally not quantifiable due to the short order lead times for certain services, the nature and timing of the products and services provided and equipment rentals with the ultimate length of the rental period unknown.

The types of products and services that the Company provides are not subject to rapid technological change, which increases the stability of related cash flows. Additionally, each of the Company's businesses, in its balanced portfolio, is among the top three companies (relative to sales) in the industries the Company serves. Due to these factors, the Company is confident in its future ability to generate positive cash flows from operations.

Cash Flow Summary

The Company's cash flows from operating, investing and financing activities, as reflected in the Consolidated Statements of Cash Flows, are summarized in the following table:

Summarized Cash Flow Information			
<i>(In millions)</i>	2009	2008	2007
Net cash provided by (used in):			
Operating activities	\$ 434.5	\$ 574.3	\$ 471.7
Investing activities	(269.4)	(443.4)	(386.1)
Financing activities	(164.1)	(155.6)	(77.7)
Effect of exchange rate changes on cash	1.8	(5.8)	12.7
Net change in cash and cash equivalents	\$ 2.8	\$ (30.5)	\$ 20.6

Cash From Operating Activities – Net cash provided by operating activities in 2009 was \$434.5 million, a decrease of \$139.8 million from 2008. The decrease was primarily due to the following:

- Lower net income in 2009 compared with 2008.
- Higher accounts payable payments due to timing.
- Reduction in advances on contracts due to shipments in 2009.

These decreases were partially offset by the following:

- Higher trade receivable collections due to timing.
- Initiatives to reduce inventory levels coupled with reduced spending on inventory throughout the Company based upon current market demand.

Cash Used in Investing Activities – In 2009, cash used in investing activities was \$269.4 million consisting primarily of capital investments of \$165.3 million and \$103.2 million used for strategic acquisitions. Capital investments declined \$292.3 million compared with 2008, reflecting management's initiatives to conserve capital and enhance liquidity through prudent reduction of capital investments. Growth capital constituted 53% of investments made in 2009, with capital investments made predominantly in the industrial services businesses. Throughout 2010, the Company plans to continue to manage its balanced portfolio and consider opportunities to invest in value creation projects. Additionally, the Company intends to increase growth investments in the Harsco Rail Segment and the All Other Category (Harsco Minerals & Harsco Industrial) in 2010 and beyond, as these businesses continue to expand globally.

Cash Used in Financing Activities – The following table summarizes the Company's debt and capital positions as of December 31, 2009 and 2008.

<i>(Dollars are in millions)</i>	December 31, 2009	December 31, 2008 ^(a)
Notes Payable and Current Maturities	\$ 83.2	\$ 121.1
Long-term Debt	901.7	891.8
Total Debt	984.9	1,012.9
Total Equity	1,509.8	1,450.0
Total Capital	\$2,494.7	\$2,462.9
Total Debt to Total Capital	39.5%	41.1%

(a) December 2008 Equity has been retroactively adjusted to include Noncontrolling Interest as a component of Equity in accordance with changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting.

The Company's debt as a percent of total capital decreased in 2009. The decrease results principally from increased equity and a decline in overall debt, primarily due to lower capital expenditures.

Debt Covenants

The Company's credit facilities and certain notes payable agreements contain a covenant stipulating a maximum debt to capital ratio of 60%. Certain notes payable agreements also contain a covenant requiring a minimum net worth of \$475 million. In addition, one credit facility limits the proportion of subsidiary consolidated indebtedness to 10% of consolidated tangible assets. At December 31, 2009, the Company was in compliance with these covenants with a debt to capital ratio of 39.5% and total net worth of \$1.5 billion. Based on balances at December 31, 2009, the Company could increase borrowings by approximately \$1.3 billion and still be within its debt covenants. Alternatively, keeping all other factors constant, the Company's equity could decrease by approximately \$0.9 billion and the Company would still be within its debt covenants. Additionally, the Company's 7.25% British pound sterling-denominated notes and its 5.75% notes include covenants that permit

the note holders to redeem their notes, at par and 101% of par, respectively, in the event of a change of control of the Company or disposition of a significant portion of the Company's assets in combination with the Company's credit rating downgraded to non-investment grade. The Company expects to continue to be compliant with these debt covenants one year from now.

Cash and Value-Based Management

The Company plans to continue with its strategy of targeted, prudent investing for strategic purposes for the foreseeable future, although 2009 capital investments are significantly less than 2008 as existing investments are being used more efficiently. The long-term goal of this strategy is to create shareholder value by improving the Company's EVA. Under this program the Company evaluates strategic investments based upon the investment's economic profit. EVA equals after-tax operating profits less a charge for the use of the capital employed to create those profits (only the service cost portion of net periodic pension cost is included for EVA purposes). Therefore, value is created when a project or initiative produces a return above the cost of capital. In 2009, EVA was lower compared with 2008 due principally to lower operating profits.

The Company currently expects to continue paying dividends to stockholders. The Company has increased the dividend rate for 16 consecutive years, and in February 2010, the Company paid its 239th consecutive quarterly cash dividend.

The Company's financial position and debt capacity should enable it to meet current and future requirements. As additional resources are needed, the Company should be able to obtain funds readily and at competitive costs. The Company is well-positioned financially and intends to continue investing in high-return projects and prudent, strategic bolt-on acquisitions; to reduce debt; and pay cash dividends as a means of enhancing stockholder value.

Application of Critical Accounting Policies

The Company's discussion and analysis of its financial condition and results of operations are based upon the Consolidated Financial Statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires the Company to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent liabilities. On an ongoing basis, the Company evaluates its estimates, including those

related to pensions and benefits, bad debts, goodwill valuation, long-lived asset valuations, inventory valuations, insurance reserves, contingencies and income taxes. The impact of changes in these estimates, as necessary, is reflected in the respective segment's operating income in the period of the change. The Company bases its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different outcomes, assumptions or conditions.

The Company believes the following critical accounting policies are affected by its more significant judgments and estimates used in the preparation of its consolidated financial statements. Management has discussed the development and selection of the critical accounting estimates described below with the Audit Committee of the Board of Directors and the Audit Committee has reviewed the Company's disclosure relating to these estimates in this Management's Discussion and Analysis of Financial Condition and Results of Operations. These items should be read in conjunction with Note 1, Summary of Significant Accounting Policies, to the Consolidated Financial Statements.

Defined Benefit Pension Benefits

The Company has defined benefit pension plans in several countries. The largest of these plans are in the United Kingdom and the United States. The Company's funding policy for these plans is to contribute amounts sufficient to meet the minimum funding pursuant to U.K. and U.S. statutory requirements, plus any additional amounts that the Company may determine to be appropriate. The Company made cash contributions to its defined benefit pension plans of \$28.7 million (including \$8.1 million of voluntary payments) and \$30.5 million during 2009 and 2008, respectively. Additionally, the Company expects to make a minimum of \$30.0 million in cash contributions to its defined benefit pension plans during 2010.

Total defined benefit net periodic pension cost for 2009 was substantially higher than the 2008 level due to the decline in pension asset values during the second half of 2008. In an effort to mitigate a portion of this overall increased cost for future years, the Company implemented additional plan design changes for certain international defined benefit pension plans so that accrued service is no longer granted for periods after December 31, 2008. This action was a continuation of the Company's overall strategy to reduce overall net periodic pension cost and volatility.

The Company continues to evaluate alternative strategies to further reduce overall net periodic pension cost, including the consideration of converting the remaining defined benefit plans to defined contribution plans; the ongoing evaluation of investment fund managers' performance; the balancing of plan assets and liabilities; the risk assessment of multi-employer pension plans; the possible merger of certain plans; the consideration of incremental cash contributions to certain plans; and other changes that could reduce future net periodic pension cost volatility and minimize risk.

Critical Estimate – Defined Benefit Pension Benefits

Accounting for defined benefit pensions requires the use of actuarial assumptions. The principal assumptions used include the discount rate and the expected long-term rate of return on plan assets. Each assumption is reviewed annually and represents management's best estimate at that time. The assumptions are selected to represent the average expected experience over time and may differ in any one year from actual experience due to changes in capital markets and the overall economy. These differences will impact the amount of unfunded benefit obligation and the expense recognized.

The discount rates used in calculating the Company's projected benefit obligations as of the December 31, 2009 measurement date for the U.K. and U.S. defined benefit pension plans were 5.7% and 5.9%, respectively, and the global weighted-average discount rate was 5.8%. The discount rates selected represent the average yield on high-quality corporate bonds as of the measurement dates. Annual net periodic pension cost is determined using the discount rates as of the measurement date at the beginning of the year. The discount rates for 2009 expense were 6.0% for the U.K. plan and 6.1% for both the U.S. plans and the global weighted-average of plans. Net periodic pension cost and the projected benefit obligation generally increase as the selected discount rate decreases.

The expected long-term rate of return on plan assets is determined by evaluating the asset return expectations with the Company's advisors as well as actual, long-term, historical results of asset returns for the pension plans. Generally the net periodic pension cost increases as the expected long-term rate of return on assets decreases. For 2009, the global weighted-average expected long-term rate of return on asset assumption was 7.4%. For 2010, the expected global long-term rate of return on assets is 7.5%. This rate was determined based on a model of expected asset returns for an actively managed portfolio.

Changes in defined benefit net periodic pension cost may occur in the future due to changes in actuarial assumptions and due to changes in returns on plan assets resulting from financial market conditions. Holding all other assumptions constant, and using December 31, 2009 plan data, a one-half percent increase or decrease in the discount rate and the expected long-term rate of return on plan assets would increase or decrease annual 2010 pre-tax defined benefit net periodic pension cost as follows:

	Approximate Changes in Pre-tax Defined Benefit Net Periodic Pension Cost	
	U.S. Plans	U.K. Plan
Discount rate		
One-half percent increase	Decrease of \$0.4 million	Decrease of \$2.1 million
One-half percent decrease	Increase of \$0.3 million	Increase of \$2.2 million
Expected long-term rate of return on plan assets		
One-half percent increase	Decrease of \$1.0 million	Decrease of \$2.8 million
One-half percent decrease	Increase of \$1.0 million	Increase of \$2.8 million

Should circumstances change that affect these estimates, changes (either increases or decreases) to the net pension obligations may be required. Additionally, certain events could result in the pension obligation changing at a time other than the annual measurement date. This would occur when a benefit plan is amended or when plan curtailments occur.

See Note 8, Employee Benefit Plans, to the Consolidated Financial Statements for additional disclosures related to these items.

Notes and Accounts Receivable

Notes and accounts receivable are stated at their net realizable value through the use of an allowance for doubtful accounts. The allowance is maintained for estimated losses resulting from the inability or unwillingness of customers to make required payments. The Company has policies and procedures in place requiring customers to be evaluated for creditworthiness prior to the execution of new service contracts or shipments of products. These reviews are structured to minimize the Company's risk related to realizability of its receivables. Despite these policies and procedures, the Company may at times still experience collection problems and potential bad debts due to economic conditions within certain industries (e.g., construction and steel industries) and

countries and regions in which the Company operates. As of December 31, 2009 and 2008, trade accounts receivable of \$598.3 million and \$648.9 million, respectively, were net of reserves of \$24.5 million and \$27.9 million, respectively.

Critical Estimate – Notes and Accounts Receivable

A considerable amount of judgment is required to assess the realizability of receivables, including the current creditworthiness of each customer, related aging of the past due balances and the facts and circumstances surrounding any non-payment. The Company's provisions for bad debts during 2009, 2008 and 2007 were \$9.3 million, \$12.5 million and \$7.8 million, respectively.

On a monthly basis, customer accounts are analyzed for collectibility. Reserves are established based upon a specific-identification method as well as historical collection experience, as appropriate. The Company also evaluates specific accounts when it becomes aware of a situation in which a customer may not be able to meet its financial obligations due to a deterioration in its financial condition, credit ratings or bankruptcy. The reserve requirements are based on the facts available to the Company and are reevaluated and adjusted as additional information is received. Reserves are also determined by using percentages (based upon experience) applied to certain aged receivable categories. Specific issues are discussed with Corporate Management, and any significant changes in reserve amounts or the write-off of balances must be approved by a specifically designated Corporate Officer. All approved items are monitored to ensure they are recorded in the proper period. Additionally, any significant changes in reserve balances are reviewed to ensure the proper corporate approval has occurred.

If the financial condition of the Company's customers were to deteriorate, resulting in an impairment of their ability to make payments, additional allowances may be required. Conversely, an improvement in a customer's ability to make payments could result in a decrease of the allowance for doubtful accounts. Changes in the allowance related to both of these situations would be recorded through income in the period the change was determined.

The Company has not materially changed its methodology for calculating allowances for doubtful accounts for the years presented.

See Note 3, Accounts Receivable and Inventories, to the Consolidated Financial Statements for additional disclosures related to these items.

Goodwill

The Company's goodwill balances were \$699.0 million and \$631.5 million, as of December 31, 2009 and 2008, respectively. Goodwill is not amortized but tested for impairment at the reporting unit level on an annual basis, and between annual tests whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value.

Critical Estimate – Goodwill

A discounted cash flow model is used to estimate the fair value of a reporting unit. This model requires the use of long-term planning estimates and assumptions regarding industry-specific economic conditions that are outside the control of the Company. The annual test for impairment includes the selection of an appropriate discount rate to value cash flow information. The basis of this discount rate calculation is derived from several internal and external factors. These factors include, but are not limited to, the average market price of the Company's stock, the number of shares of stock outstanding, the book value of the Company's debt, a long-term risk-free interest rate, and both market and size-specific risk premiums. Additionally, assessments of future cash flows would consider, but not be limited to, the following: infrastructure plant maintenance requirements; global metals production and capacity utilization; global railway track maintenance-of-way capital spending; and other drivers of the Company's businesses. Changes in the overall interest rate environment may also impact the fair market value of the Company's reporting units as this would directly influence the discount rate utilized for discounting operating cash flows, and ultimately determining a reporting unit's fair value. The Company's overall market capitalization is also a factor in evaluating the fair market values of the Company's reporting units. Significant declines in the overall market capitalization of the Company could lead to the determination that the book value of one or more of the Company's reporting units exceeds its fair value. The Company's annual goodwill impairment testing, performed as of October 1, 2009 and 2008, indicated that the fair value of all reporting units tested exceeded their respective book values and therefore no goodwill impairment was required.

The Company's customers may be impacted adversely by the current tightening of credit in financial markets, which may result in postponed spending and cancellation or delay of existing and future orders with the Company. Continued economic decline could further impact the ability of

the Company's customers to meet their obligations to the Company and possibly result in bankruptcy filings by them. This, in turn, could negatively impact the forecasts used in performing the Company's goodwill impairment testing. If management determines that goodwill is impaired, the Company will be required to record a write-down in the period of determination, which will reduce net income for that period. Therefore, there can be no assurance that future goodwill impairment tests will not result in a charge to earnings.

The Company has not materially changed its methodology for goodwill impairment testing for the years presented. For 2009, the goodwill impairment testing was conducted at the operating segment level for the Harsco Infrastructure, Harsco Metals and Harsco Rail Segments and the All Other Category. For 2008, the goodwill impairment testing was conducted at the operating segment level for the Harsco Metals and Harsco Rail Segments and the All Other Category; and at the component level for the Harsco Infrastructure Segment. Goodwill testing for the Harsco Infrastructure Segment was changed to the operating segment level in 2009 due to the integration of the historic business units (components) within this Segment as part of generating further operational efficiencies, global branding and facilitating global growth.

See Note 5, Goodwill and Other Intangible Assets, to the Consolidated Financial Statements for additional disclosures related to these items.

Asset Impairment

Long-lived assets are reviewed for impairment when events and circumstances indicate that the book value of an asset may be impaired. The amounts charged against pre-tax income from continuing operations related to impaired long-lived assets were \$1.5 million, \$12.6 million and \$0.9 million in 2009, 2008 and 2007, respectively.

Critical Estimate – Asset Impairment

The determination of a long-lived asset impairment loss involves significant judgments based upon short-term and long-term projections of future asset performance. If the undiscounted cash flows associated with an asset do not exceed the book value, impairment loss estimates would be based upon the difference between the book value and the fair value of the asset. The fair value is generally based upon the Company's estimate of the amount that the assets could be bought or sold for in a current transaction between willing parties. If quoted market prices for the asset or similar assets are unavailable, the fair

value estimate is generally calculated using a discounted cash flow model. Should circumstances change that affect these estimates, additional impairment charges may be required and would be recorded through income in the period the change was determined.

The Company has not materially changed its methodology for calculating asset impairments for the years presented. Commencing January 1, 2009 GAAP requires consideration of all valuation techniques for which market participant inputs can be obtained without undue cost and effort. The use of discounted cash flows continues to be an appropriate method for determining fair value; however, methodologies such as quoted market prices must also be evaluated.

Inventories

Inventories are stated at the lower of cost or market. Inventory balances are adjusted for estimated obsolete or unmarketable inventory equal to the difference between the cost of inventory and its estimated market value. At December 31, 2009 and 2008, inventories of \$291.2 million and \$309.5 million, respectively, are net of lower of cost or market reserves and obsolescence reserves of \$14.6 million and \$15.7 million, respectively.

Critical Estimate – Inventories

In assessing the ultimate realization of inventory balance amounts, the Company is required to make judgments as to future demand requirements and compare these with the current or committed inventory levels. If actual market conditions are determined to be less favorable than those projected by management, additional inventory write-downs may be required and would be recorded through income in the period the determination is made. Additionally, the Company records reserves to adjust a substantial portion of its U.S. inventory balances to the last-in, first-out ("LIFO") method of inventory valuation. In adjusting these reserves throughout the year, the Company estimates its year-end inventory costs and quantities. At December 31 of each year, the reserves are adjusted to reflect actual year-end inventory costs and quantities. During periods of inflation, the LIFO expense usually increases and during periods of deflation it decreases. These year-end adjustments resulted in pre-tax income of \$2.9 million, \$1.1 million and \$1.4 million in 2009, 2008 and 2007, respectively.

The Company has not materially changed its methodology for calculating inventory reserves for the years presented.

See Note 3, Accounts Receivable and Inventories, to the Consolidated Financial Statements for additional disclosures related to these items.

Insurance Reserves

The Company retains a significant portion of the risk for U.S. workers' compensation, U.K. employers' liability, and automobile, general and product liability losses. At December 31, 2009 and 2008, the Company has recorded liabilities of \$87.2 million and \$97.2 million, respectively, related to both asserted as well as unasserted insurance claims. At December 31, 2009 and 2008, \$6.9 million and \$17.8 million, respectively, was included in insurance liabilities related to claims covered by insurance carriers for which a corresponding receivable has been recorded.

Critical Estimate – Insurance Reserves

Reserves have been recorded based upon actuarial calculations that reflect the undiscounted estimated liabilities for ultimate losses including claims incurred but not reported. Inherent in these estimates are assumptions that are based on the Company's history of claims and losses, a detailed analysis of existing claims with respect to potential value, and current legal and legislative trends. If actual claims differ from those projected by management, changes (either increases or decreases) to insurance reserves may be required and would be recorded through income in the period the change was determined. During 2009, 2008 and 2007, the Company recorded a retrospective insurance reserve adjustment that decreased pre-tax insurance expense from continuing operations for self-insured programs by \$3.7 million, \$1.8 million and \$1.2 million, respectively. The Company has programs in place to improve claims experience, such as disciplined claim and insured litigation management and a focused approach to workplace safety.

The Company has not materially changed its methodology for calculating insurance reserves for the years presented. There are currently no known trends, demands, commitments, events or uncertainties that are reasonably likely to occur that would materially affect the methodology or assumptions described above.

Legal and Other Contingencies

Reserves for contingent liabilities are recorded when it is probable that an asset has been impaired or a liability has been incurred and the loss can be reasonably estimated. Adjustments to estimated amounts are recorded as necessary based on new information or the occurrence of new events or the resolution of an uncertainty. Such adjustments are recorded in the period that the required change is identified.

Critical Estimate – Legal and Other Contingencies

On a quarterly basis, recorded contingent liabilities are analyzed to determine if any adjustments are required. Additionally, functional department heads within each business unit are consulted monthly to ensure all issues with a potential financial accounting impact, including possible reserves for contingent liabilities, have been properly identified, addressed or disposed of. Specific issues are discussed with Corporate Management and any significant changes in reserve amounts or the adjustment or write-off of previously recorded balances must be approved by a specifically designated Corporate Officer. If necessary, outside legal counsel, other third parties or internal experts are consulted to assess the likelihood and range of outcomes for a particular issue. All approved changes in reserve amounts are monitored to ensure they are recorded in the proper period. Additionally, any significant changes in reported business unit reserve balances are reviewed to ensure the proper Corporate approval has occurred. On a quarterly basis, the Company's business units submit a reserve listing to the Corporate headquarters which is reviewed with Corporate Management. All significant reserve balances are discussed with a designated Corporate Officer to assess their validity, accuracy and completeness. Anticipated changes in reserves are identified for further consideration prior to the end of a reporting period. Any new issues that may require a reserve are also identified and discussed to ensure proper disposition. Additionally, on a quarterly basis, all significant environmental reserve balances or issues are evaluated to assess their validity, accuracy and completeness.

The Company has not materially changed its methodology for calculating legal and other contingencies for the years presented. There are currently no known trends, demands, commitments, events or uncertainties that are reasonably likely to occur that would materially affect the methodology or assumptions described above.

See Note 10, Commitments and Contingencies, to the Consolidated Financial Statements for additional disclosure related to these items.

Income Taxes

The Company is subject to various federal, state and local income taxes in the taxing jurisdictions where the Company operates. At the end of each quarterly period, the Company makes its best estimate of the annual effective income tax rate and applies that rate to year-to-date income before income taxes to arrive at the year-to-date income tax provision. As of December 31, 2009, 2008 and 2007, the Company's net effective income tax rate on income from continuing operations was 11.6%, 26.7% and 30.7%, respectively.

Critical Estimate – Income Taxes

The annual effective income tax rates are developed giving recognition to tax rates, tax holidays, tax credits and capital losses, as well as certain exempt income and non-deductible expenses in all of the jurisdictions where the Company does business. The income tax provision for a quarterly period incorporates any change in the year-to-date provision from the previous quarterly periods. The Company has not materially changed its methodology for calculating income tax expense for the years presented or for quarterly periods.

The Company records deferred tax assets to the extent the Company believes these assets will more-likely-than-not be realized. In making such determinations, the Company considers all available positive and negative evidence, including future reversals of existing temporary differences, projected future taxable income, tax planning strategies and recent financial operating results. In the event the Company was to determine that it would be able to realize deferred income tax assets in the future in excess of their net recorded amount, an adjustment to the valuation allowance would be made that would reduce the provision for income taxes. The valuation allowance was \$22.7 million and \$21.5 million as of December 31, 2009 and 2008, respectively. The valuation allowance is principally for state and international tax net operating loss carryforwards.

A tax benefit from an uncertain position may be recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on technical merits. The unrecognized tax benefits at December 31, 2009 are \$39 million including interest and penalties. The unrecognized tax benefit may decrease as a result of the lapse of statute of limitations or as a result of final settlement and resolution of outstanding tax matters in various state and foreign jurisdictions.

The Company has not provided U.S. income taxes on certain of its non-U.S. subsidiaries' undistributed earnings as such amounts are permanently reinvested outside the United States. The Company evaluates future financial projections for its most significant subsidiaries, the need to reinvest earnings locally and the overall cash requirements of the Company. Based upon this evaluation, the Company determined that certain undistributed earnings from non-U.S. subsidiaries are permanently reinvested. The Company believes that it can generate sufficient cash flows to avoid the one-time tax costs associated with repatriation of U.S. undistributed earnings from prior periods. At December 31, 2009 and 2008, such earnings were approximately \$843 million and \$741 million,

respectively. If these earnings were repatriated at December 31, 2009, the one-time tax cost associated with the repatriation would be approximately \$163 million.

See Note 9, Income Taxes, to the Consolidated Financial Statements for additional disclosures related to these items.

Research and Development

The Company invested \$3.2 million, \$5.3 million and \$3.2 million in internal research and development programs in 2009, 2008 and 2007, respectively. Internal funding for research and development was as follows:

(In millions)	Research and Development Expense		
	2009	2008	2007
Harsco Infrastructure Segment	\$1.7	\$2.0	\$0.7
Harsco Metals Segment	0.8	1.6	1.3
Harsco Rail Segment ^(a)	0.2	0.8	0.8
Segment Totals	2.7	4.4	2.8
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	0.5	0.9	0.4
Consolidated Totals	\$3.2	\$5.3	\$3.2

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Recently Adopted and Recently Issued Accounting Standards

See Note 1, Summary of Significant Accounting Policies, to the Consolidated Financial Statements for disclosures on recently adopted and recently issued accounting standards and their effect on the Company.

Dividend Action

The Company has paid dividends each year since 1939. The Company paid one quarterly cash dividend of \$0.195 per share and three quarterly cash dividends of \$0.20 per share in 2009, for an annual rate of \$0.795 per share. This is an increase of 1.9% from 2008. At the November 2009 meeting, the Board of Directors increased the dividend by 2.5% to an annual rate of \$0.82 per share, representing the Company's 16th consecutive year of dividend increases. The Board normally reviews the dividend rate periodically during the year and annually at its November meeting. There are no significant restrictions on the payment of dividends.

The February 2010 dividend payment of \$0.205 per share marked the Company's 239th consecutive quarterly dividend. In 2009, 50.7% of net earnings were paid out in dividends. The Company is philosophically committed to maintaining or increasing the dividend at a sustainable level.

Management's Report on Internal Control Over Financial Reporting

Management of Harsco Corporation, together with its consolidated subsidiaries (the Company), is responsible for establishing and maintaining adequate internal control over financial reporting. The Company's internal control over financial reporting is a process designed under the supervision of the Company's principal executive and principal financial officers to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the Company's financial statements for external reporting purposes in accordance with U.S. generally accepted accounting principles.

The Company's internal control over financial reporting includes policies and procedures that:

- Pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets of the Company;
- Provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and the directors of the Company; and
- Provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the Company's financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies and procedures may deteriorate.

Management has assessed the effectiveness of its internal control over financial reporting as of December 31, 2009 based on the framework established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this assessment, management has determined that the Company's internal control over financial reporting is effective as of December 31, 2009.

The effectiveness of the Company's internal control over financial reporting as of December 31, 2009 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report appearing in the Company's Annual Report on Form 10-K, which expresses an unqualified opinion on the effectiveness of the Company's internal control over financial reporting as of December 31, 2009.



Salvatore D. Fazzolari
Chairman and Chief Executive Officer
February 23, 2010



Stephen J. Schnoor
Senior Vice President and Chief Financial Officer
February 23, 2010

Report of Independent Registered Public Accounting Firm

To The Stockholders of Harsco Corporation

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, cash flows, changes in equity and comprehensive income present fairly, in all material respects, the financial position of Harsco Corporation and its subsidiaries at December 31, 2009 and December 31, 2008 and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2009 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2009, based on criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control over Financial Reporting. Our responsibility is to express opinions on these financial statements and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered

necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

As discussed in Note 1 to the consolidated financial statements, the Company changed the manner in which it accounts for noncontrolling interests in 2009.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.



PricewaterhouseCoopers LLP
Philadelphia, Pennsylvania
February 23, 2010

Consolidated Balance Sheets

(In thousands, except share and per share amounts)

	December 31, 2009	December 31, 2008 ^(a)
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 94,184	\$ 91,336
Trade accounts receivable, net	598,318	648,880
Other receivables	30,865	46,032
Inventories	291,174	309,530
Other current assets	154,797	109,710
Total current assets	1,169,338	1,205,488
Property, plant and equipment, net	1,510,801	1,482,833
Goodwill	699,041	631,490
Intangible assets, net	150,746	141,493
Other assets	109,314	101,666
Total assets	\$3,639,240	\$3,562,970
LIABILITIES		
Current liabilities:		
Short-term borrowings	\$ 57,380	\$ 117,854
Current maturities of long-term debt	25,813	3,212
Accounts payable	215,504	262,783
Accrued compensation	67,652	85,237
Income taxes payable	5,931	13,395
Dividends payable	16,473	15,637
Insurance liabilities	25,533	36,553
Advances on contracts	149,413	144,237
Other current liabilities	187,403	209,518
Total current liabilities	751,102	888,426
Long-term debt	901,734	891,817
Deferred income taxes	90,993	35,442
Insurance liabilities	61,660	60,663
Retirement plan liabilities	250,075	190,153
Other liabilities	73,842	46,497
Total liabilities	2,129,406	2,112,998
COMMITMENTS AND CONTINGENCIES		
HARSCO CORPORATION STOCKHOLDERS' EQUITY		
Preferred stock, Series A junior participating cumulative preferred stock	—	—
Common stock, par value \$1.25, issued 111,387,185 and 111,139,988 shares as of December 31, 2009 and 2008, respectively	139,234	138,925
Additional paid-in capital	137,746	137,083
Accumulated other comprehensive loss	(201,684)	(208,299)
Retained earnings	2,133,297	2,079,170
Treasury stock, at cost (31,034,126 and 30,965,452, respectively)	(735,016)	(733,203)
Total Harsco Corporation stockholders' equity	1,473,577	1,413,676
Noncontrolling interests	36,257	36,296
Total equity	1,509,834	1,449,972
Total liabilities and equity	\$3,639,240	\$3,562,970

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests and that a company present such noncontrolling interests as equity for all periods presented. Balances have been reclassified accordingly.

See accompanying notes to consolidated financial statements.

Consolidated Statements of Income

(In thousands, except per share amounts)

Years ended December 31	2009	2008 ^(a)	2007 ^(a)
Revenues from continuing operations:			
Service revenues	\$2,442,198	\$3,340,456	\$3,166,561
Product revenues	548,379	627,366	521,599
Total revenues	2,990,577	3,967,822	3,688,160
Costs and expenses from continuing operations:			
Cost of services sold	1,897,408	2,484,975	2,316,904
Cost of products sold	354,730	441,445	368,600
Selling, general and administrative expenses	509,071	602,169	538,233
Research and development expenses	3,151	5,295	3,175
Other expenses	7,561	21,950	3,443
Total costs and expenses	2,771,921	3,555,834	3,230,355
Operating income from continuing operations	218,656	411,988	457,805
Equity in income of unconsolidated entities, net	504	901	1,049
Interest income	2,928	3,608	4,968
Interest expense	(62,746)	(73,160)	(81,383)
Income from continuing operations before income taxes	159,342	343,337	382,439
Income tax expense	(18,509)	(91,820)	(117,598)
Income from continuing operations	140,833	251,517	264,841
Discontinued operations:			
Income from operations of discontinued business	—	—	26,897
Gain (loss) on disposal of discontinued business	(21,907)	(1,747)	41,414
Income tax benefit (expense) related to discontinued business	6,846	(2,931)	(23,934)
Income (loss) from discontinued operations	(15,061)	(4,678)	44,377
Net Income	125,772	246,839	309,218
Less: Net income attributable to noncontrolling interests	(6,995)	(5,894)	(9,726)
Net Income attributable to Harsco Corporation	\$ 118,777	\$ 240,945	\$ 299,492
Amounts attributable to Harsco Corporation common stockholders:			
Income from continuing operations, net of tax	\$ 133,838	\$ 245,623	\$ 255,115
Income (loss) from discontinued operations, net of tax	(15,061)	(4,678)	44,377
Net income attributable to Harsco Corporation common stockholders	\$ 118,777	\$ 240,945	\$ 299,492
Weighted-average shares of common stock outstanding	80,295	83,599	84,169
Basic earnings per common share attributable to Harsco Corporation common stockholders:			
Continuing operations	\$ 1.67	\$ 2.94	\$ 3.03
Discontinued operations	(0.19)	(0.06)	0.53
Basic earnings per share attributable to Harsco Corporation common stockholders	\$ 1.48	\$ 2.88	\$ 3.56
Diluted weighted-average shares of common stock outstanding	80,586	84,029	84,724
Diluted earnings per common share attributable to Harsco Corporation common stockholders:			
Continuing operations	\$ 1.66	\$ 2.92	\$ 3.01
Discontinued operations	(0.19)	(0.06)	0.52
Diluted earnings per share attributable to Harsco Corporation common stockholders	\$ 1.47	\$ 2.87^(b)	\$ 3.53

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests and that a company present a consolidated net income measure that includes the amount attributable to such noncontrolling interests for all periods presented. Results have been reclassified accordingly.

(b) Does not total due to rounding.

See accompanying notes to consolidated financial statements.

Consolidated Statements of Cash Flows

(In thousands)

Years ended December 31

	2009	2008 ^(a)	2007 ^(a)
Cash flows from operating activities:			
Net income	\$ 125,772	\$ 246,839	\$ 309,218
Adjustments to reconcile net income to net cash provided (used) by operating activities:			
Depreciation	282,976	307,847	277,397
Amortization	28,555	30,102	29,016
Equity in income of unconsolidated entities, net	(504)	(901)	(1,049)
Dividends or distributions from unconsolidated entities	410	484	181
(Gain) loss on disposal of discontinued business	21,907	1,747	(41,414)
Other, net	(15,762)	61,244	(10,388)
Changes in assets and liabilities, net of acquisitions and dispositions of businesses:			
Accounts receivable	111,207	34,198	(60,721)
Inventories	35,798	(24,238)	(106,495)
Accounts payable	(54,701)	(22,144)	18,268
Accrued interest payable	(1,305)	3,841	(1,291)
Accrued compensation	(23,402)	(15,843)	8,516
Income taxes	(36,692)	(76,346)	2,971
Advances on contracts	4,242	92,580	46,159
Other assets and liabilities	(44,043)	(65,134)	1,372
Net cash provided by operating activities	434,458	574,276	471,740
Cash flows from investing activities:			
Purchases of property, plant and equipment	(165,320)	(457,617)	(443,583)
Purchase of businesses, net of cash acquired*	(103,241)	(15,539)	(254,639)
Proceeds from sales of assets	2,115	24,516	317,189
Other investing activities	(2,914)	5,222	(5,092)
Net cash used by investing activities	(269,360)	(443,418)	(386,125)
Cash flows from financing activities:			
Short-term borrowings, net	(79,670)	65,239	(137,645)
Current maturities and long-term debt:			
Additions	482,493	975,393	1,023,282
Reductions	(487,171)	(996,173)	(908,295)
Cash dividends paid on common stock	(63,813)	(65,632)	(59,725)
Dividends paid to noncontrolling interests	(3,487)	(5,595)	(5,668)
Purchase of noncontrolling interests	(13,057)	—	—
Contributions of equity from noncontrolling interest	5,332	—	—
Common stock issued-options	995	1,831	11,765
Common stock acquired for treasury	—	(128,577)	—
Other financing activities	(5,705)	(2,025)	(1,401)
Net cash used by financing activities	(164,083)	(155,539)	(77,687)
Effect of exchange rate changes on cash	1,833	(5,816)	12,645
Net increase (decrease) in cash and cash equivalents	2,848	(30,497)	20,573
Cash and cash equivalents at beginning of period	91,336	121,833	101,260
Cash and cash equivalents at end of period	\$ 94,184	\$ 91,336	\$ 121,833
*Purchase of businesses, net of cash acquired			
Working capital, other than cash	\$ (2,399)	\$ (263)	\$ (17,574)
Property, plant and equipment	(68,906)	(11,961)	(45,398)
Other noncurrent assets and liabilities, net	(31,936)	(3,315)	(191,667)
Net cash used to acquire businesses	\$(103,241)	\$ (15,539)	\$ (254,639)

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests for all periods presented. Results have been reclassified accordingly.

See accompanying notes to consolidated financial statements.

Consolidated Statements of Changes in Equity

(In thousands, except share and per share amounts)	Common Stock		Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Noncontrolling Interest ^(a)	Total
	Issued	Treasury					
Balances, January 1, 2007	\$ 85,614	\$ (603,171)	\$166,494	\$1,666,262	\$ (169,334)	\$31,130	\$1,176,995
Net income				299,492		9,726	309,218
2-for-1 stock split, 42,029,232 shares	52,536		(52,536)				—
Cash dividends declared:							(61,252)
Common @ \$0.71 per share				(61,252)			
Noncontrolling interests						(5,668)	(5,668)
Translation adjustments, net of deferred income taxes of \$(4,380)					110,451	2,835	113,286
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(64)					119		119
Pension liability adjustments, net of deferred income taxes of \$(24,520)					56,257		56,257
Marketable securities unrealized gains, net of deferred income taxes of \$(3)					6		6
Stock options exercised, 411,864 shares	515		11,224				11,739
Other, 90 shares, and 82,700 restricted stock units (net of forfeitures)		2	26				28
Amortization of unearned compensation on restricted stock units			3,414				3,414
Balances, December 31, 2007	\$138,665	\$ (603,169)	\$128,622	\$1,904,502	\$ (2,501)	\$38,023	\$1,604,142
Cumulative effect from adoption of pension accounting changes, net of deferred income taxes of \$(413)				(1,453)	2,372		919
Beginning Balances, January 1, 2008	\$138,665	\$ (603,169)	\$128,622	\$1,903,049	\$ (129)	\$38,023	\$1,605,061
Net income				240,945		5,894	246,839
Cash dividends declared:							(64,824)
Common @ \$0.78 per share				(64,824)			
Noncontrolling interests						(5,595)	(5,595)
Translation adjustments, net of deferred income taxes of \$85,526					(154,572)	(2,026)	(156,598)
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(7,655)					20,812		20,812
Pension liability adjustments, net of deferred income taxes of \$29,057					(74,340)		(74,340)
Marketable securities unrealized gains, net of deferred income taxes of \$38					(70)		(70)
Stock options exercised, 121,176 shares	152		3,336				3,488
Net issuance of stock – vesting of restricted stock units, 56,847 shares	108	(1,457)	(108)				(1,457)
Treasury shares repurchased, 4,463,353 shares		(128,577)					(128,577)
Amortization of unearned compensation on restricted stock units, net of forfeitures			5,233				5,233
Balances, December 31, 2008	\$138,925	\$ (733,203)	\$137,083	\$2,079,170	\$ (208,299)	\$36,296	\$1,449,972
Net income				118,777		6,995	125,772
Cash dividends declared:							(64,650)
Common @ \$0.805 per share				(64,650)			
Noncontrolling interests						(3,487)	(3,487)
Translation adjustments, net of deferred income taxes of \$(21,866)					96,802	262	97,064
Cash flow hedging instrument adjustments, net of deferred income taxes of \$10,849					(30,041)		(30,041)
Purchase of subsidiary shares from noncontrolling interests			(3,905)			(9,141)	(13,046)
Contributions of equity from noncontrolling interest						5,332	5,332
Pension liability adjustments, net of deferred income taxes of \$26,012					(60,150)		(60,150)
Marketable securities unrealized loss, net of deferred income taxes of \$(2)					4		4
Stock options exercised, 92,250 shares	115	(423)	1,366				1,058
Net issuance of stock – vesting of restricted stock units, 101,918 shares	194	(1,390)	(684)				(1,880)
Amortization of unearned compensation on restricted stock units, net of forfeitures			3,886				3,886
Balances, December 31, 2009	\$139,234	\$ (735,016)	\$137,746	\$2,133,297	\$ (201,684)	\$36,257	\$1,509,834

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests and that a company present such noncontrolling interests as equity for all periods presented. Amounts have been reclassified accordingly.

See accompanying notes to consolidated financial statements.

Consolidated Statements of Comprehensive Income

<i>(In thousands)</i>			
<i>Years ended December 31</i>	2009	2008 ^(a)	2007 ^(a)
Net income	\$125,772	\$ 246,839	\$309,218
Other comprehensive income (loss):			
Foreign currency translation adjustments, net of deferred income taxes	97,064	(156,598)	113,286
Net gains (losses) on cash flow hedging instruments, net of deferred income taxes of \$10,490, \$(7,681) and \$2 in 2009, 2008 and 2007, respectively	(29,375)	20,859	(3)
Reclassification adjustment for (gain) loss on cash flow hedging instruments, net of deferred income taxes of \$359, \$26 and \$(66) in 2009, 2008 and 2007, respectively	(666)	(47)	122
Pension liability adjustments, net of deferred income taxes of \$26,012, \$29,057 and \$(24,520) in 2009, 2008 and 2007, respectively	(60,150)	(74,340)	56,257
Unrealized gain (loss) on marketable securities, net of deferred income taxes of \$(2), \$38 and \$(3) in 2009, 2008 and 2007, respectively	4	(70)	6
Total other comprehensive income (loss)	6,877	(210,196)	169,668
Total comprehensive income	132,649	36,643	478,886
Less: Comprehensive income attributable to noncontrolling interests	(7,257)	(3,868)	(12,561)
Comprehensive income attributable to Harsco Corporation	\$125,392	\$ 32,775	\$466,325

(a) On January 1, 2009, the Company adopted changes issued by the Financial Accounting Standards Board related to consolidation accounting and reporting. These changes, among others, require that minority interests be renamed noncontrolling interests and that a company present a consolidated net income measure that includes the amount attributable to such noncontrolling interests for all periods presented. Results have been reclassified accordingly.

See accompanying notes to consolidated financial statements.

Notes to Consolidated Financial Statements

1 Summary of Significant Accounting Policies

Consolidation

The consolidated financial statements include the accounts of Harsco Corporation and its majority-owned subsidiaries (the "Company"). Additionally, the Company consolidated five entities in 2009 and four entities in 2008 and 2007 in which it has an equity interest of 49% to 50% and exercises management control. These entities had combined revenues of approximately \$126.3 million, \$172.3 million and \$117.0 million, or 4.2%, 4.3% and 3.2% of the Company's total revenues for the years ended 2009, 2008 and 2007, respectively. Investments in unconsolidated entities (all of which are 40-50% owned) are accounted for under the equity method. The Company does not have any off-balance sheet arrangements with unconsolidated special-purpose entities.

Reclassifications and Out-of-Period Adjustments

Certain reclassifications have been made to prior years' amounts to conform with current year classifications. These reclassifications relate principally to segment reporting. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately. Also, the Gas Technologies Segment is classified as Discontinued Operations as discussed in Note 2, "Acquisitions and Dispositions." Additionally, all historical share and per share data have been adjusted to reflect the two-for-one stock split that was effective at the close of business on March 26, 2007. As a result of these reclassifications, certain prior-period amounts presented for comparative purposes will not individually agree with previously filed Forms 10-K or 10-Q.

During 2009, the Company recorded non-cash out-of-period adjustments that had the net effect of reducing after-tax income by \$4 million or \$0.05 per diluted share. The adjustments correct errors generated principally by the improper recognition of certain revenues and delaying the recognition of certain expenses (\$9 million or \$0.11 per diluted share) by one subsidiary, in one country, during the past three years. Based upon the investigation, which is completed, these errors primarily related to the failure to receive advance customer agreement and to invoice on a timely basis for additional work performed for two customers. The Company assessed the individual and aggregate impact of these adjustments on the current year and all prior periods and determined that the cumulative effect of the adjustments was not material to the full-year 2009 results and did not result in a material misstatement to any previously issued annual or quarterly financial statements. Consequently, the Company recorded the \$4 million net adjustment in the current year and has not revised any previously issued annual financial statements or interim financial data.

Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, demand deposits and short-term investments that are highly liquid in nature and have an original maturity of three months or less.

Inventories

Inventories are stated at the lower of cost or market. Inventories in the United States are principally accounted for using the last-in, first-out ("LIFO") method. Other inventories are accounted for using the first-in, first-out ("FIFO") or average cost methods.

Depreciation

Property, plant and equipment is recorded at cost and depreciated over the estimated useful lives of the assets using principally the straight-line method. When property is retired from service, the cost of the retirement is charged to the allowance for depreciation to the extent of the accumulated depreciation and the balance is charged to income. Long-lived assets to be disposed of by sale are not depreciated while they are held for sale.

Leases

The Company leases certain property and equipment under non-cancelable lease agreements. All lease agreements are evaluated and classified as either an operating lease or capital lease. A lease is classified as a capital lease if any of the following criteria are met: transfer of ownership to the Company by the end of the lease term; the lease contains a bargain purchase option; the lease term is equal to or greater than 75% of the asset's economic life; or the present value of future minimum lease payments is equal to or greater than 90% of the asset's fair market value. Operating lease expense is recognized ratably over the entire lease term, including rent abatement periods and rent holidays.

Goodwill and Other Intangible Assets

Goodwill is not amortized but tested for impairment at the reporting unit level. A reporting unit is an operating segment or one level below an operating segment (referred to as a component). A component of an operating segment is a reporting unit if the component constitutes a business for which discrete financial information is available and segment management regularly reviews the operating results of that component. Accordingly, the Company performs the goodwill impairment test at the operating segment level. The goodwill impairment tests are performed on an annual basis as of October 1 and between annual tests whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value. A discounted cash

flow model is used to estimate the fair value of a reporting unit. This model requires the use of long-term planning forecasts and assumptions regarding industry-specific economic conditions that are outside the control of the Company. Finite-lived intangible assets are amortized over their estimated useful lives. See Note 5, "Goodwill and Other Intangible Assets," for additional information on intangible assets and goodwill impairment testing.

Impairment of Long-Lived Assets (Other than Goodwill)

Long-lived assets are reviewed for impairment when events and circumstances indicate that the carrying amount of an asset may not be recoverable. The Company's policy is to record an impairment loss when it is determined that the carrying amount of the asset exceeds the sum of the expected undiscounted future cash flows resulting from use of the asset, and its eventual disposition. Impairment losses are measured as the amount by which the carrying amount of the asset exceeds its fair value, normally as determined in either open market transactions or through the use of a discounted cash flow model. Long-lived assets to be disposed of are reported at the lower of the carrying amount or fair value less cost to sell.

Revenue Recognition

Product revenues and service revenues are recognized when they are realized or realizable and when earned. Revenue is realized or realizable and earned when all of the following criteria are met: persuasive evidence of an arrangement exists, delivery has occurred or services have been rendered, the Company's price to the buyer is fixed or determinable and collectability is reasonably assured. Service revenues include the Harsco Infrastructure and Harsco Metals Segments as well as service revenues of the Harsco Rail Segment and the All Other Category (Harsco Minerals & Harsco Industrial). Product revenues include the Harsco Rail Segment and the manufacturing businesses of the All Other Category (Harsco Minerals & Harsco Industrial).

Harsco Infrastructure Segment— This Segment provides services under both fixed-fee and time-and-materials short-term contracts, rents equipment under month-to-month rental contracts and, to a lesser extent, sells products to customers. Equipment rentals are recognized as earned over the contractual rental period. Services provided on a fixed-fee basis are recognized over the contractual period based upon the completion of specific units of accounting (i.e., erection and dismantling of equipment). Services provided on a time-and-materials basis are recognized when earned as services are performed. Product sales revenue is recognized when title and risk of loss transfer, and when all of the revenue recognition criteria have been met.

Harsco Metals Segment— This Segment provides services predominantly on a long-term, volume-of-production contract basis. Contracts may include both fixed monthly fees as well as variable fees based upon specific services provided to the customer. The fixed-fee portion is recognized periodically as earned (normally monthly) over the contractual period. The variable-fee portion is recognized as services are performed and differs from period-to-period based upon the actual provision of services.

Harsco Rail Segment— This Segment sells railway track maintenance equipment and provides railway track maintenance services. Product sales revenue is recognized generally when title and risk of loss transfer, and when all of the revenue recognition criteria have been met. Title and risk of loss for domestic shipments generally transfers to the customer at the point of shipment. For export sales, title and risk of loss transfer in accordance with the international commercial terms included in the specific customer contract. Revenue may be recognized subsequent to the transfer of title and risk of loss for certain product sales, if the specific sales contract includes a customer acceptance clause that provides for different timing. In those situations revenue is recognized after transfer of title and risk of loss and after customer acceptance. Services are predominantly on a long-term, time-and-materials contract basis. Revenue is recognized when earned as services are performed within the long-term contracts.

All Other Category (Harsco Minerals & Harsco Industrial)— This category includes the Minerals and Recycling Technologies and the Industrial Abrasives and Roofing Granules operating segments, as well as the Harsco Industrial IKG, Harsco Industrial Patterson-Kelley and Harsco Industrial Air-X-Changers operating segments. These operating segments principally sell products. Product sales revenue are recognized generally when title and risk of loss transfer, and when all of the revenue recognition criteria have been met. Title and risk of loss for domestic shipments generally transfers to the customer at the point of shipment. For export sales, title and risk of loss transfer in accordance with the international commercial terms included in the specific customer contract. The Minerals and Recycling Technologies operating segment sells products and provides services. These services are predominantly on a long-term, volume-of-production contract basis. Contracts may include both fixed monthly fees as well as variable fees based upon specific services provided to the customer. The fixed-fee portion is recognized periodically as earned (normally monthly) over the contractual period. The variable-fee portion is recognized as services are performed and differs from period-to-period based upon the actual provision of services.

Income Taxes

The Company accounts for income taxes under the asset and liability method, which requires the recognition of deferred tax assets and liabilities for the expected future tax consequences of the events that have been included in the consolidated financial statements. Under this method, deferred tax assets and liabilities are determined based on the differences between the financial statements and tax bases of assets and liabilities using enacted tax rates in effect for the year in which the differences are expected to reverse. The effect of a change in tax rates on deferred tax assets and liabilities is recognized in income in the period that includes the enactment date.

The Company records deferred tax assets to the extent the Company believes these assets will more-likely-than-not be realized. In making such determinations, the Company considers all available positive and negative evidence, including future reversals of existing temporary differences, projected future taxable income, tax planning strategies and recent financial operations. In the event the Company were to determine that it would be able to realize deferred income tax assets in the future in excess of their net recorded amount, an adjustment to the valuation allowance would be made that would reduce the provision for income taxes.

The tax benefit from an uncertain position is recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on technical merits. Each subsequent period the Company determines if existing or new uncertain positions meet a more-likely-than-not recognition threshold and adjust accordingly.

The Company recognizes interest and penalties related to unrecognized tax benefits within Income tax expense in the accompanying Consolidated Statements of Income. Accrued interest and penalties are included in Other liabilities in the Consolidated Balance Sheets.

In general, it is the practice and intention of the Company to reinvest the undistributed earnings of its non-U.S. subsidiaries. Should the Company repatriate future earnings, such amounts become subject to U.S. taxation giving recognition to current tax expense and foreign tax credits upon remittance of dividends and under certain other circumstances.

Accrued Insurance and Loss Reserves

The Company retains a significant portion of the risk for U.S. workers' compensation, U.K. employers' liability, automobile, general and product liability losses. During 2009, 2008 and 2007 the Company recorded insurance expense from continuing operations related to these lines of coverage of approximately \$40 million, \$43 million and \$37 million,

respectively. Reserves have been recorded that reflect the undiscounted estimated liabilities including claims incurred but not reported. When a recognized liability is covered by third-party insurance, the Company records an insurance claim receivable to reflect the covered liability. Changes in the estimates of the reserves are included in net income in the period determined. During 2009, 2008 and 2007, the Company recorded retrospective insurance reserve adjustments that decreased pre-tax insurance expense from continuing operations for self-insured programs by \$3.7 million, \$1.8 million and \$1.2 million, respectively. At December 31, 2009 and 2008, the Company has recorded liabilities of \$87.2 million and \$97.2 million, respectively, related to both asserted as well as unasserted insurance claims. Included in the balance at December 31, 2009 and 2008 were \$6.9 million and \$17.8 million, respectively, of recognized liabilities covered by insurance carriers. Amounts estimated to be paid within one year have been classified as current Insurance liabilities, with the remainder included in non-current Insurance liabilities in the Consolidated Balance Sheets.

Warranties

The Company has recorded product warranty reserves of \$4.1 million, \$2.9 million and \$2.9 million as of December 31, 2009, 2008 and 2007, respectively. The Company provides for warranties of certain products as they are sold. The following table summarizes the warranty activity for the years ended December 31, 2009, 2008 and 2007:

Warranty Activity			
<i>(In thousands)</i>	2009	2008	2007
Balance at the beginning of the period	\$ 2,863	\$ 2,907	\$ 4,805
Accruals for warranties issued during the period	4,623	3,683	3,112
Reductions related to pre-existing warranties	(1,388)	(1,524)	(1,112)
Divestiture	—	—	(980)
Warranties paid	(2,059)	(2,157)	(2,810)
Other (principally foreign currency translation)	39	(46)	(108)
Balance at end of the period	\$ 4,078	\$ 2,863	\$ 2,907

Foreign Currency Translation

The financial statements of the Company's subsidiaries outside the United States, except for those subsidiaries located in highly inflationary economies and those entities for which the U.S. dollar is the currency of the primary economic environment in which the entity operates, are measured using the local currency as the functional currency. Assets and liabilities of these subsidiaries are translated at the exchange rates as of the balance sheet date. Resulting translation adjustments are

recorded in the cumulative translation adjustment account, a separate component of Other comprehensive income (loss). Income and expense items are translated at average monthly exchange rates. Gains and losses from foreign currency transactions are included in net income. For subsidiaries operating in highly inflationary economies, and those entities for which the U.S. dollar is the currency of the primary economic environment in which the entity operates, gains and losses on foreign currency transactions and balance sheet translation adjustments are included in net income.

Financial Instruments and Hedging

The Company has operations throughout the world that are exposed to fluctuations in related foreign currencies in the normal course of business. The Company seeks to reduce exposure to foreign currency fluctuations through the use of forward exchange contracts. The Company does not hold or issue financial instruments for trading purposes, and it is the Company's policy to prohibit the use of derivatives for speculative purposes. The Company has a Foreign Currency Risk Management Committee that meets periodically to monitor foreign currency risks.

The Company executes foreign currency forward exchange contracts to hedge transactions for firm purchase commitments, to hedge variable cash flows of forecasted transactions and for export sales denominated in foreign currencies. These contracts are generally for 90 days or less; however, where appropriate, longer-term contracts may be utilized. For those contracts that are designated as qualified cash flow hedges, gains or losses are recorded in Other comprehensive income (loss).

Amounts recorded in Other comprehensive income (loss) are reclassified into income in the same period or periods during which the hedged forecasted transaction affects income. The cash flows from these contracts are classified consistent with the cash flows from the transaction being hedged (i.e., the cash flows related to contracts to hedge the purchase of fixed assets are included in cash flows from investing activities, etc.). The Company also enters into certain forward exchange contracts that are not designated as hedges. Gains and losses on these contracts are recognized in income based on fair market value. For fair value hedges of a firm commitment, the gain or loss on the derivative and the offsetting gain or loss on the hedged firm commitment are recognized currently in income.

Earnings Per Share

Basic earnings per share are calculated using the weighted-average shares of common stock outstanding, while diluted earnings per share reflect the dilutive effects of restricted stock units and the potential dilution that could occur if stock options were exercised. See Note 11, "Capital Stock," for additional information on earnings per share.

Use of Estimates in the Preparation of Financial Statements

The preparation of financial statements in conformity with generally accepted accounting principles in the United States ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses. Actual results could differ from those estimates.

Recently Adopted and Recently Issued Accounting Standards

The following accounting standards were adopted in 2009:

On September 30, 2009, the Company adopted changes issued by the FASB to the authoritative hierarchy of GAAP. These changes established the FASB Accounting Standards Codification™ ("Codification") as the source of authoritative accounting principles recognized by the FASB to be applied by nongovernmental entities in the preparation of financial statements in conformity with GAAP. Rules and interpretive releases of the Securities and Exchange Commission ("SEC") under authority of federal securities laws are also sources of authoritative GAAP for SEC registrants. The FASB will no longer issue new standards in the form of Statements, FASB Staff Positions or Emerging Issues Task Force Abstracts; instead the FASB will issue Accounting Standards Updates. Accounting Standards Updates will not be authoritative in their own right as they will only serve to update the Codification. These changes and the Codification itself do not change GAAP. The adoption of these changes had no impact on the Company's consolidated financial statements, other than the manner in which new accounting standards are referenced.

On June 30, 2009, the Company adopted changes issued by the FASB related to the accounting for and disclosure of events that occur after the balance sheet date but before financial statements are issued or are available to be issued. Specifically, these changes set forth the period after the balance sheet date during which management of a reporting entity should evaluate events or transactions that may occur for potential recognition or disclosure in the financial statements, the circumstances under which an entity should recognize events or transactions occurring after the balance sheet date in its financial statements, and the disclosures that an entity should make about events or transactions that occurred after the balance sheet date. The adoption of these changes had no impact on the Company's consolidated financial statements as the Company's existing method of accounting for and disclosing subsequent events did not significantly change.

On June 30, 2009, the Company adopted changes issued by the FASB that require a publicly traded company to disclose the fair value of its financial instruments whenever summarized financial information for interim reporting periods is issued. Such disclosures include the fair value of all financial instruments, for which it is practicable to estimate that value, whether recognized or not recognized in the statement of financial position; the related carrying amount of these financial instruments; and the method(s) and significant assumptions used to estimate the fair value. The adoption of these changes had no impact on the Company's consolidated financial statements other than the required disclosures included in the Company's interim financial statements.

On January 1, 2009, the Company adopted changes issued by the FASB related to disclosures about an entity's derivative and hedging activities, including:

- how and why an entity uses derivative instruments,
- how derivative instruments and related hedged items are accounted for, and
- how derivative instruments and related hedged items affect an entity's financial position, financial performance and cash flows.

Other than the required disclosures included in Note 13, "Financial Instruments," the adoption of these changes had no material impact on the Company's consolidated financial statements.

On January 1, 2009, the Company adopted changes issued by the FASB related to the consolidation accounting and reporting for a noncontrolling interest in a subsidiary and for the deconsolidation of a subsidiary. These changes define a noncontrolling interest, previously called a minority interest, as the portion of equity in a subsidiary not attributable, directly or indirectly, to a parent. These changes require, among other items, that a noncontrolling interest be included in the consolidated statement of financial position within equity separate from the parent's equity; consolidated net income to be reported at amounts inclusive of both the parent's and noncontrolling interest's shares and, separately, the amounts of consolidated net income attributable to the parent and noncontrolling interest all on the consolidated statement of income; and if a subsidiary is deconsolidated, any retained noncontrolling equity investment in the former subsidiary be measured at fair value and a gain or loss be recognized in net income based on such fair value. The presentation and disclosure requirements of these changes have been applied retrospectively. Other than the change in presentation of noncontrolling interests, the adoption of these changes had no material impact on the Company's consolidated financial statements.

On January 1, 2009, the Company adopted changes issued by the FASB related to the fair value accounting and reporting of nonfinancial assets and nonfinancial liabilities that are not recognized or disclosed at fair value in the financial statements on at least an annual basis. These changes define fair value, establish a framework for measuring fair value in GAAP and expand disclosures about fair value measurements. This standard applies to other GAAP that require or permit fair value measurements and is to be applied prospectively with limited exceptions. The adoption of these changes as they relate to nonfinancial assets and nonfinancial liabilities had no impact on the Company's consolidated financial statements. These provisions will be applied at such time when a nonrecurring fair value measurement of a nonfinancial asset or nonfinancial liability is required, which may result in a fair value that could be materially different than would have been calculated prior to the adoption of these changes.

Effective January 1, 2009, the Company adopted changes issued by the FASB on April 1, 2009 related to the accounting for business combinations. These changes apply to all assets acquired and liabilities assumed in a business combination that arise from certain contingencies and requires (i) an acquirer to recognize at fair value, at the acquisition date, an asset acquired or liability assumed in a business combination that arises from a contingency if the acquisition-date fair value of that asset or liability can be determined during the measurement period; otherwise the asset or liability should be recognized at the acquisition date if certain defined criteria are met; (ii) contingent consideration arrangements of an acquiree assumed by the acquirer in a business combination be recognized initially at fair value; (iii) subsequent measurements of assets and liabilities arising from contingencies be based on a systematic and rational method depending on their nature and contingent consideration arrangements be measured subsequently; and (iv) disclosures of the amounts and measurement basis of such assets and liabilities and the nature of the contingencies. These changes are effective for the Company for all business combinations after December 31, 2008. The effect of its adoption had no material impact for business combinations occurring in 2009.

In December 2008, the FASB issued changes related to employers' disclosures about postretirement benefit plan assets. These changes require disclosure of how investment allocation decisions are made; major categories of plan assets; inputs and valuation techniques used to measure fair value of plan assets; the effect of fair value measurements using significant unobservable inputs on changes in plan assets; and significant concentrations of risk within plan assets. These changes

became effective for the Company's year-end December 31, 2009 consolidated financial statements. As these changes only required enhanced disclosures, the adoption of these changes only impacted the notes to the Company's consolidated financial statements.

The following accounting standards were issued in 2009 and become effective for the Company at various future dates:

In October 2009, the FASB issued changes related to the accounting for revenue recognition when multiple-deliverable revenue arrangements are present. The changes eliminate the residual method of revenue allocation and require revenue to be allocated using the relative selling price method. This method allows a vendor to use its best estimate of selling price if neither vendor-specific objective evidence nor third-party evidence of selling price exists when evaluating multiple deliverable arrangements. These changes must be adopted no later than January 1, 2011 and may be adopted prospectively for revenue arrangements entered into or materially modified after the date of adoption or retrospectively for all revenue arrangements for all periods presented. The Company is currently evaluating the requirements of these changes and has not yet determined the impact on the consolidated financial statements.

In June 2009, the FASB issued changes related to the accounting for variable interest entities. These changes require an enterprise:

- to perform an analysis to determine whether the enterprise's variable interest or interests give it a controlling financial interest in a variable interest entity;
- to require ongoing reassessments of whether an enterprise is the primary beneficiary of a variable interest entity;
- to eliminate the quantitative approach previously required for determining the primary beneficiary of a variable interest entity;
- to add an additional reconsideration event for determining whether an entity is a variable interest entity when any changes in facts and circumstances occur such that holders of the equity investment at risk, as a group, lose the power from voting rights or similar rights of those investments to direct the activities of the entity that most significantly impact the entity's economic performance; and
- to provide enhanced disclosures that will provide users of financial statements with more transparent information about an enterprise's involvement in a variable interest entity.

These changes became effective for the Company on January 1, 2010. The adoption of these changes had no impact on the Company's consolidated financial statements other than the required disclosures that will be included in the Company's future financial statements.

2 Acquisitions and Dispositions

Acquisitions

In November 2009, the Company acquired ESCO Interamerica, Ltd. ("ESCO"), a Costa Rica-based provider of engineering and equipment services to the infrastructure sector in seven countries within Central and South America and the Caribbean. ESCO generated revenues of approximately \$50 million in 2008 and has been included in the Harsco Infrastructure Segment.

In October 2009, the Company acquired Nicol UK Ltd. ("Nicol"), a United Kingdom-based multi-disciplined provider of industrial maintenance services, multi-craft site services and scaffolding to major petrochemical, energy and industrial clients. This business generated revenues of approximately \$25 million in 2008 and has been included in the Harsco Infrastructure Segment.

In September 2009, the Company formed a partnership in Saudi Arabia that will provide highly-engineered scaffolding and formwork systems and expert installation services to the infrastructure and construction markets. The Company contributed \$5.3 million to form this partnership, which has been included in the Harsco Infrastructure Segment. In September 2009, the partnership acquired the net assets of Saudi Express Transport LLC, which generated revenues of approximately \$22 million in 2008.

In August 2009, the Company acquired the noncontrolling interests of four of its Eastern Europe region consolidated subsidiaries in the Harsco Infrastructure Segment for \$0.6 million. The acquisition of these partnership interests was accounted for as an equity transaction since the Company retained its controlling interest in the subsidiaries.

In April 2009, the Company acquired the noncontrolling interests of three of its Asia-Pacific region consolidated subsidiaries in the Harsco Metals Segment for \$12.9 million. The acquisition of these partnership interests was accounted for as an equity transaction since the Company retained its controlling interest in the subsidiaries.

In April 2008, the Company acquired Sovereign Access Services Limited ("Sovereign"), a United Kingdom-based provider of mastclimber work platform rental equipment. Sovereign recorded revenues of approximately \$7 million in 2007 and has been included in the Harsco Infrastructure Segment.

In March 2008, the Company acquired Romania-based Baviera S.R.L. ("Baviera"), a distributor of formwork and scaffolding products in Romania. Baviera recorded revenues of approximately \$3 million in 2007 and has been included in the Harsco Infrastructure Segment.

In February 2008, the Company acquired Northern Ireland-based Buckley Scaffolding ("Buckley"), a provider of scaffolding and erection and dismantling services to customers in the construction, industrial and events businesses. Buckley recorded revenues of approximately \$3 million in 2007 and has been included in the Harsco Infrastructure Segment.

Inclusion of the pro-forma financial information for the above transactions is not necessary due to the immaterial size of the acquisitions, individually and in the aggregate.

In January 2010, the Company acquired Bell Scaffolding Group ("Bell"), an Australia-based infrastructure solutions provider serving the industrial, infrastructure and commercial construction sectors. Bell's capabilities range from technical design and support through supply and erect contracts. Bell generated revenues of approximately \$40 million in 2008 and will be included in the Harsco Infrastructure Segment.

Net Income Attributable to the Company and Transfers to Noncontrolling Interest

The purpose of the following schedule is to disclose the effects of changes in the Company's ownership interest in its subsidiaries on the Company's equity.

(In thousands)	For the Years Ended December 31,		
	2009	2008	2007
Net income attributable to the Company	\$118,777	\$240,945	\$299,492
Decrease in the Company's paid-in capital for purchase of partnership interests	(3,905)	—	—
Change from net income attributable to the Company and transfers to noncontrolling interest	\$114,872	\$240,945	\$299,492

Dispositions

Consistent with the Company's strategic focus to grow and allocate financial resources to its industrial services businesses, on December 7, 2007, the Company sold its Gas Technologies Segment to Taylor Wharton International. The terms of the sale include a total purchase price of \$340 million, including \$300 million paid in cash at closing and \$40 million payable in the form of an earnout contingent on the Gas Technologies group achieving certain performance targets in 2008 or 2009. The thresholds for achieving the earnout for both 2008 and 2009 were not met. The Company recorded a \$26.4 million after-tax gain on the sale in the fourth quarter of 2007. In 2008, the Company recorded a loss from discontinued operations of \$4.7 million, comprised of \$1.7 million of working capital adjustments and other costs associated with this

disposition, coupled with the tax effect from the final purchase price allocation. The Company recorded \$15.1 million in after-tax charges in Discontinued Operations in 2009 related to the settlement of working capital adjustment claims and other costs associated with arbitration proceedings as described in Note 10, "Commitments and Contingencies." This business recorded revenues and operating income of \$384.9 million and \$26.9 million, respectively, for the year ended December 31, 2007. The Consolidated Statements of Income for the years ended 2009, 2008 and 2007 reflect the Gas Technologies Segment's results in discontinued operations.

3 Accounts Receivable and Inventories

At December 31, 2009 and 2008, Trade accounts receivable of \$598.3 million and \$648.9 million, respectively, were net of allowances for doubtful accounts of \$24.5 million and \$27.9 million, respectively. The decrease in accounts receivable from December 31, 2008 related principally to lower sales levels in the fourth quarter of 2009. The provision for doubtful accounts was \$9.3 million, \$12.5 million and \$7.8 million for 2009, 2008 and 2007, respectively. Other receivables of \$30.9 million and \$46.0 million at December 31, 2009 and 2008, respectively, include insurance claim receivables, employee receivables, tax claim receivables and other miscellaneous receivables not included in Trade accounts receivable, net.

Inventories consist of the following:

Inventories		
(In thousands)	2009	2008
Finished goods	\$146,104	\$156,490
Work-in-process	19,381	21,918
Raw materials and purchased parts	84,542	83,372
Stores and supplies	41,147	47,750
Total inventories	\$291,174	\$309,530
Valued at lower of cost or market:		
Last-in, first-out ("LIFO") basis	\$111,641	\$105,959
First-in, first-out ("FIFO") basis	13,877	15,140
Average cost basis	165,656	188,431
Total inventories	\$291,174	\$309,530

Inventories valued on the LIFO basis at December 31, 2009 and 2008 were approximately \$24.2 million and \$32.8 million, respectively, less than the amounts of such inventories valued at current costs.

As a result of reducing certain inventory quantities valued on the LIFO basis, net income increased from that which would have been recorded under the FIFO basis of valuation by \$1.7 million in 2009, \$0.3 million in 2008 and less than \$0.1 million in 2007.

4 Property, Plant and Equipment

Property, plant and equipment consists of the following:

<i>(In thousands)</i>	2009	2008
Land and improvements	\$ 46,198	\$ 41,913
Buildings and improvements	207,280	167,606
Machinery and equipment	3,146,358	2,905,398
Uncompleted construction	50,252	75,210
Gross property, plant and equipment	3,450,088	3,190,127
Less accumulated depreciation	(1,939,287)	(1,707,294)
Net property, plant and equipment	\$ 1,510,801	\$ 1,482,833

The estimated useful lives of different types of assets are generally:

Land improvements	5 to 20 years
Buildings and improvements	5 to 40 years
Machinery and equipment	3 to 20 years
Leasehold improvements	Estimated useful life of the improvement or, if shorter, the life of the lease

5 Goodwill and Other Intangible Assets

Goodwill is tested for impairment at the reporting unit level on an annual basis, and between annual tests whenever events or circumstances indicate that the carrying value of a reporting unit's goodwill may exceed its fair value. Reporting units are either the Company's operating segments, or business units within these segments, which are referred to herein as components. For 2009, the goodwill impairment testing was conducted at the operating segment level for the Harsco Infrastructure, Harsco Metals and Harsco Rail Segments and the All Other Category. For 2008, the goodwill impairment testing was conducted at the operating segment level for the Harsco Metals and Harsco Rail Segments and the All Other Category; and at the component level for the Harsco Infrastructure Segment. Goodwill testing for the Harsco Infrastructure Segment was changed to the operating segment level in 2009 due to the integration of the historic business units (components) within this Segment as part of generating further operational efficiencies, global branding and facilitating global growth.

Impairment testing is a two-step process. Step one is a comparison of each reporting unit's fair value to its book value. If the fair value of the reporting unit exceeds the book value, step two of the test is not required. Step two requires the allocation of fair values to assets and liabilities as if the reporting unit had just been purchased, resulting in the implied fair value of goodwill. If the carrying value of the goodwill exceeds the implied fair value of goodwill, a write down to the implied fair value of goodwill would be required.

The Company uses a discounted cash flow model to estimate the fair value of a reporting unit in performing step one of the testing. This model requires the use of long-term planning estimates and assumptions regarding industry-specific economic conditions that are outside the control of the Company. Assessments of future cash flows would consider, but not be limited to, the following: global industrial plant maintenance requirements; global infrastructure construction; global metals production and capacity utilization; global railway track maintenance-of-way capital spending; and other drivers of the Company's businesses. Changes in the overall interest rate environment may also impact the fair market value of the Company's reporting units as this would directly influence the rate utilized for discounting operating cash flows, and ultimately determining a reporting unit's fair value. The Company's overall market capitalization is also a factor in evaluating the fair market values of the Company's reporting units. Significant declines in the overall market capitalization of the Company could lead to the determination that the book value of one or more of the Company's reporting units exceeds their fair value. The Company performed required annual testing for goodwill impairment as of October 1, 2009 and 2008 and all reporting units of the Company passed the step one testing thereby indicating that no goodwill impairment exists. Additionally, the Company determined that as of December 31, 2009 no interim impairment testing was necessary. However, there can be no assurance that future goodwill impairment tests will not result in a charge to earnings.

The following table reflects the changes in carrying amounts of goodwill by segment for the years ended December 31, 2008 and 2009:

Goodwill by Segment					
(In thousands)	Harsco Infrastructure Segment	Harsco Metals Segment	Harsco Rail Segment	All Other Category ^(a) – Harsco Minerals & Harsco Industrial	Consolidated Totals
Balance as of December 31, 2007	\$254,856	\$348,311	\$8,118	\$108,784	\$720,069
Goodwill acquired during year ^(b)	12,045	–	–	–	12,045
Changes to Goodwill ^(c)	1,262	(4,892)	254	12	(3,364)
Foreign currency translation	(47,616)	(43,806)	–	(5,838)	(97,260)
Balance as of December 31, 2008	\$220,547	\$299,613	\$8,372	\$102,958	\$631,490
Goodwill acquired during year ^(d)	29,601	–	–	–	29,601
Changes to Goodwill ^(e)	(68)	480	607	1,137	2,156
Foreign currency translation	16,039	15,652	–	4,103	35,794
Balance as of December 31, 2009	\$266,119	\$315,745	\$8,979	\$108,198	\$699,041

(a) All Other Category has been adjusted for comparative purposes to exclude the Harsco Rail Segment, which has been reclassified as a reportable Segment based on 2009 results.

(b) Relates to acquisitions of Baviera S.R.L., Buckley Scaffolding and Sovereign Access Services Limited.

(c) Relates principally to opening balance sheet adjustments.

(d) Relates principally to the ESCO acquisition.

(e) Relates principally to payment of contingent consideration on acquisitions made prior to 2009.

Goodwill is net of accumulated amortization of \$98.7 million and \$95.9 million at December 31, 2009 and 2008, respectively. The increase in accumulated amortization from December 31, 2008 is due to foreign currency translation.

Intangible assets totaled \$150.9 million, net of accumulated amortization of \$95.8 million at December 31, 2009 and \$141.5 million, net of accumulated amortization of \$65.4 million at December 31, 2008. The following table reflects these intangible assets by major category:

(In thousands)	December 31, 2009		December 31, 2008	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Customer relationships	\$165,092	\$61,547	\$138,752	\$40,821
Non-compete agreements	1,440	1,346	1,414	1,196
Patents	7,043	4,597	6,316	4,116
Other	73,143	28,336	60,495	19,309
Total	\$246,718	\$95,826	\$206,977	\$65,442

The increase in intangible assets for 2009 was due principally to intangible assets acquired in the acquisitions discussed in Note 2, "Acquisitions and Dispositions." As part of these transactions, the Company acquired the following intangible assets (by major class) that are subject to amortization:

Acquired Intangible Assets			
(In thousands)	Gross Carrying Amount	Residual Value	Weighted-average amortization period
Customer relationships	\$19,823	None	9 years
Patents	574	None	15 years
Other	7,677	None	5 years
Total	\$28,074		

There were no research and development assets acquired and written off in 2009, 2008 or 2007.

Amortization expense for intangible assets was \$26.4 million, \$28.1 million and \$27.4 million for the years ended December 31, 2009, 2008 and 2007, respectively. The following table shows the estimated amortization expense for the next five fiscal years based on current intangible assets.

(In thousands)	2010	2011	2012	2013	2014
Estimated amortization expense ^(a)	\$31,865	\$29,953	\$16,353	\$14,496	\$12,761

(a) These estimated amortization expense amounts do not reflect the potential effect of future foreign currency exchange rate fluctuations.

6 Debt and Credit Agreements

The Company has various credit facilities and commercial paper programs available for use throughout the world. The following table illustrates the amounts outstanding on credit facilities and commercial paper programs, and available credit at December 31, 2009. These credit facilities and programs are described in more detail below the table.

(In thousands)	Credit Facilities as of December 31, 2009		
	Facility Limit	Outstanding Balance	Available Credit
U.S. commercial paper program	\$ 550,000	\$20,949	\$ 529,051
Euro commercial paper program	286,320	28,999	257,321
Multi-year revolving credit facility ^(a)	570,000	–	570,000
Bilateral credit facility ^(b)	30,000	–	30,000
Totals at December 31, 2009	\$1,436,320	\$49,948	\$1,386,372 ^(c)

(a) U.S.-based program.

(b) International-based program.

(c) Although the Company has significant available credit, in practice, the Company limits aggregate commercial paper and credit facility borrowings at any one-time to a maximum of \$600.0 million (the aggregate amount of the back-up facilities).

The Company has a U.S. commercial paper borrowing program under which it can issue up to \$550 million of short-term notes in the U.S. commercial paper market. In addition, the Company has a 200 million euro commercial paper program, equivalent to approximately \$286.3 million at December 31, 2009, which is used to fund the Company's international operations. At December 31, 2009 and 2008, the Company had \$20.9 million and \$35.9 million of U.S. commercial paper outstanding, respectively; and \$29.0 million and \$9.0 million outstanding, respectively, under its European-based commercial paper program. At December 31, 2008, the Company also had \$50.0 million outstanding under its previous 364-day revolving credit line, which was repaid in 2009 and subsequently replaced by the \$570 million multi-year credit facility. These borrowings are classified as long-term debt when the Company has the ability and intent to refinance them on a long-term basis through existing long-term credit facilities. At December 31, 2009 and 2008, the Company classified \$49.9 million and \$94.9 million, respectively, of commercial paper and advances as short-term debt. There were no remaining commercial paper or advances to be reclassified as long-term debt at December 31, 2009 or 2008.

During the fourth quarter of 2009, the Company entered into a multi-year revolving credit facility in the amount of \$570 million, through a syndicate of 21 banks, which matures in December 2012. This new facility replaces the \$220 million 364-day revolving credit facility, which expired in November 2009, and the \$450 million credit facility the Company terminated in the fourth quarter of 2009. This facility serves as back-up to the Company's commercial paper programs. Interest rates on the facility are based upon either the announced Citibank Prime Rate, the Federal Funds Effective Rate plus a margin or LIBOR plus a margin. The Company pays a facility fee (0.275% per annum as of December 31, 2009) that varies based upon its credit ratings. At December 31, 2009, there were no borrowings outstanding on this credit facility.

The Company's bilateral credit facility was amended in December 2009 to extend the maturity date to December 2010. The facility serves as back-up to the Company's commercial paper programs and also provides available financing for the Company's European operations. Borrowings under this facility are available in most major currencies with active markets at interest rates based upon LIBOR plus a margin. Borrowings outstanding at expiration may be repaid over the succeeding 12 months. As of December 31, 2009 and 2008, there were no borrowings outstanding on this facility.

Short-term borrowings amounted to \$57.4 million and \$117.9 million at December 31, 2009 and 2008, respectively. This included commercial paper and advances of \$49.9 million and \$94.9 million at December 31, 2009 and 2008, respectively. Other than the commercial paper borrowings and advances, short-term debt was principally bank overdrafts. The weighted-average interest rate for short-term borrowings at December 31, 2009 and 2008 was 0.9% and 3.8%, respectively.

Long-Term Debt		
<i>(In thousands)</i>	2009	2008
5.75% notes due May 1, 2018	\$447,029	\$446,762
7.25% British pound sterling-denominated notes due October 27, 2010	322,700	290,777
5.125% notes due September 15, 2013	149,392	149,247
Other financing payable in varying amounts due through 2016 with a weighted average interest rate of 8.0% and 7.5% as of December 31, 2009 and 2008, respectively	8,426	8,243
	927,547	895,029
Less: current maturities	(25,813)	(3,212)
Total Long-term Debt	\$901,734	\$891,817

At December 31, 2009, most of the Company's 7.25% British pound sterling-denominated notes that are due in October 2010 are classified as long-term debt based on the Company's ability and intent to refinance this debt using either the public debt markets or its existing multi-year revolving credit facility, which matures in 2012. Current maturities of long-term debt include a portion of the 7.25% British pound sterling-denominated notes that the Company believes exceeds the amount it will refinance and a portion of other financing payables.

The maturities of long-term debt for the four years following December 31, 2010 are as follows:

<i>(In thousands)</i>	
2011	\$ 3,739
2012	301,247
2013	149,536
2014	57

Cash payments for interest on all debt from continuing operations were \$61.5 million, \$71.6 million and \$80.3 million in 2009, 2008 and 2007, respectively.

The Company's credit facilities and certain notes payable agreements contain a covenant stipulating a maximum debt to capital ratio of 60%. Certain notes payable agreements also contain a covenant requiring a minimum net worth of \$475 million. In addition, one credit facility limits

the proportion of subsidiary consolidated indebtedness to a maximum of 10% of consolidated tangible assets. The Company's 7.25% British pound sterling-denominated notes and its 5.75% notes also include covenants that permit the note holders to redeem their notes, at par and 101% of par, respectively, in the event of a change of control of the Company or disposition of a significant portion of the Company's assets in combination with the Company's credit rating being downgraded to non-investment grade. At December 31, 2009, the Company was in compliance with these covenants.

7 Leases

The Company leases certain property and equipment under noncancelable operating leases. Rental expense (for continuing operations) under such operating leases was \$64.3 million, \$65.0 million and \$70.4 million in 2009, 2008 and 2007, respectively.

Future minimum payments under operating leases with noncancelable terms are as follows:

(In thousands)	
2010	\$45,500
2011	31,540
2012	23,230
2013	18,749
2014	15,737
After 2014	27,521

Total minimum rentals to be received in the future under noncancelable subleases as of December 31, 2009 are \$8.0 million.

8 Employee Benefit Plans

Pension Benefits

The Company has pension and profit sharing retirement plans covering a substantial number of its employees. The defined benefits for salaried employees generally are based on years of service and the employee's level of compensation during specified periods of employment. Defined benefit plans covering hourly employees generally provide benefits of stated amounts for each year of service. The multi-employer plans in which the Company participates provide benefits to certain unionized employees. The Company's funding policy for qualified plans is consistent with statutory regulations and customarily equals the amount deducted for income tax purposes. The Company also makes periodic voluntary contributions as recommended by its pension committee. The Company's policy is to amortize prior service costs of defined benefit pension plans over the average future service period of active plan participants.

For most U.S. defined benefit pension plans and a majority of international defined benefit pension plans, accrued service is no longer granted. In place of these plans, the Company has established defined contribution pension plans providing for the Company to contribute a specified matching amount for participating employees' contributions to the plan. Domestically, this match is made on employee contributions up to 4% of their eligible compensation. Additionally, the Company may provide a discretionary contribution of up to 2% of compensation for eligible employees. Internationally, this match is up to 6% of eligible compensation with an additional 2% going towards insurance and administrative costs. The Company believes the defined contribution plans provide a more predictable and less volatile net periodic pension cost than exists under defined benefit plans.

(In thousands)	U.S. Plans			International Plans		
	2009	2008	2007	2009	2008	2007
Net Periodic Pension Cost (Income)						
Defined benefit plans:						
Service cost	\$ 1,790	\$ 1,740	\$ 3,033	\$ 3,977	\$ 8,729	\$ 9,031
Interest cost	14,104	15,197	15,511	42,854	50,146	50,118
Expected return on plan assets	(14,598)	(23,812)	(22,943)	(41,453)	(58,166)	(61,574)
Recognized prior service costs	351	333	686	353	897	938
Recognized losses	3,466	1,167	1,314	9,353	10,317	15,254
Amortization of transition liability	—	—	—	33	29	36
Settlement/Curtailment loss (gain)	4	(620)	2,091	(341)	1,536	—
Defined benefit plans pension cost (income)	5,117	(5,995)	(308)	14,776	13,488	13,803
Less Discontinued Operations included in above	—	(694)	2,748	—	—	477
Defined benefit plans pension cost (income) – continuing operations	5,117	(5,301)	(3,056)	14,776	13,488	13,326
Multi-employer plans ^(a)	12,533	15,231	13,552	9,201	10,143	10,361
Defined contribution plans ^(a)	7,104	7,806	9,628	8,235	8,131	7,741
Net periodic pension cost – continuing operations	\$ 24,754	\$ 17,736	\$ 20,124	\$ 32,212	\$ 31,762	\$ 31,428

(a) Excludes discontinued operations.

In 2008, the Company recognized a settlement gain of \$0.9 million related to the Gas Technologies Segment that was sold in December 2007. The settlement gain was recognized upon final transfer of pension assets and liabilities to an authorized trust established by the purchaser of the Segment and is included above in U.S. Plans discontinued operations. Also in 2008, the Company implemented plan design changes for certain domestic and international defined benefit pension plans so that accrued service is no longer granted for periods after December 31, 2008. These actions resulted in a net curtailment loss of \$1.5 million. See Note 17, "2008 Restructuring Program" for additional information.

In 2007, the Company recognized a \$2.1 million curtailment loss in connection with the remeasurement of plan obligations related to the divestiture of the Gas Technologies Segment.

The change in the financial status of the pension plans and amounts recognized in the Consolidated Balance Sheets at December 31, 2009 and 2008 are as follows:

Defined Benefit Pension Benefits

(In thousands)	U. S. Plans		International Plans	
	2009	2008	2009	2008
Change in benefit obligation:				
Benefit obligation at beginning of year	\$238,347	\$268,710	\$ 698,836	\$ 987,894
Service cost	1,790	1,740	3,977	8,729
Interest cost	14,104	15,197	42,854	50,146
Plan participants' contributions	—	—	1,131	2,311
Amendments	—	890	—	(111)
Adoption of measurement date change	—	598	—	5,154
Actuarial loss (gain)	8,638	(10,145)	102,390	(58,507)
Settlements/curtailments	—	—	(1,564)	(10,388)
Benefits paid	(15,616)	(15,721)	(35,771)	(35,695)
Divestiture of Gas Technologies Segment	—	(22,922)	—	(678)
Effect of foreign currency	—	—	76,029	(250,019)
Benefit obligation at end of year	\$247,263	\$238,347	\$ 887,882	\$ 698,836
Change in plan assets:				
Fair value of plan assets at beginning of year	\$189,686	\$311,193	\$ 558,757	\$ 905,849
Actual return on plan assets	39,730	(83,794)	67,925	(99,645)
Employer contributions	3,119	1,600	25,601	28,865
Plan participants' contributions	—	—	1,131	2,310
Settlements/curtailments	—	—	(1,110)	(237)
Benefits paid	(15,616)	(15,721)	(33,238)	(34,182)
Adoption of measurement date change	—	(2,495)	—	(5,946)
Divestiture of Gas Technologies Segment	—	(21,097)	—	—
Effect of foreign currency	—	—	59,952	(238,257)
Fair value of plan assets at end of year	\$216,919	\$189,686	\$ 679,018	\$ 558,757
Funded status at end of year	\$ (30,344)	\$ (48,661)	\$ (208,864)	\$ (140,079)

In 2008, the actual return on the Company's U.S. and international plans' assets reflects the decline in pension asset values during the second half of 2008. This decline was due to the financial crisis and the deterioration of global economic conditions.

Defined Benefit Pension Benefits

(In thousands)	U. S. Plans		International Plans	
	2009	2008	2009	2008
Amounts recognized in the Consolidated Balance Sheets consist of the following:				
Noncurrent assets	\$ 1,676	\$ 232	\$ 7,929	\$ 5,072
Current liabilities	(2,175)	(2,111)	(1,129)	(1,897)
Noncurrent liabilities	(29,845)	(46,782)	(215,664)	(143,254)
Accumulated other comprehensive loss before tax	89,209	109,523	357,388	260,765

Amounts recognized in Accumulated other comprehensive loss consist of the following:

(In thousands)	U. S. Plans		International Plans	
	2009	2008	2009	2008
Net actuarial loss	\$87,712	\$107,672	\$354,201	\$257,393
Prior service cost	1,497	1,851	2,972	3,184
Transition obligation	—	—	215	188
Total	\$89,209	\$109,523	\$357,388	\$260,765

The estimated amounts that will be amortized from accumulated other comprehensive loss into defined benefit net periodic pension cost in 2010 are as follows:

(In thousands)	U. S. Plans		International Plans	
	2009	2008	2009	2008
Net actuarial loss	\$2,611	\$2,611	\$12,644	\$12,644
Prior service cost	339	339	384	384
Transition obligation	—	—	56	56
Total	\$2,950	\$2,950	\$13,084	\$13,084

The Company's estimate of expected contributions to be paid in year 2010 for the U.S. defined benefit plans is \$2.2 million and for the international defined benefit plans is \$27.8 million.

Contributions to multi-employer pension plans were \$22.5 million, \$26.1 million and \$24.2 million in years 2009, 2008 and 2007, respectively.

Future Benefit Payments

The expected benefit payments for defined benefit plans over the next 10 years are as follows:

(In millions)	U.S.Plans		International Plans	
	2009	2008	2009	2008
2010	\$15.2	\$15.2	\$ 34.2	\$ 34.2
2011	16.7	16.7	35.8	35.8
2012	15.9	15.9	37.3	37.3
2013	17.4	17.4	38.9	38.9
2014	18.0	18.0	40.6	40.6
2015 – 2019	87.8	87.8	231.4	231.4

Net Periodic Pension Cost Assumptions

The weighted-average actuarial assumptions used to determine the net periodic pension cost for the years ended December 31 were as follows:

Global Weighted Average			
December 31	2009	2008	2007
Discount rates	6.1%	5.9%	5.3%
Expected long-term rates of return on plan assets	7.4%	7.6%	7.6%
Rates of compensation increase	3.4%	3.6%	3.3%

	U.S. Plans			International Plans		
December 31	2009	2008	2007	2009	2008	2007
Discount rates	6.1%	6.2%	5.9%	6.0%	5.8%	5.1%
Expected long-term rates of return on plan assets	8.0%	8.3%	8.3%	7.1%	7.3%	7.3%
Rates of compensation increase	4.0%	4.8%	4.5%	3.4%	3.5%	3.2%

The expected long-term rates of return on plan assets for the 2010 net periodic pension cost are 8.0% for the U.S. plans and 7.1% for the international plans.

Defined Benefit Pension Obligation Assumptions

The weighted-average actuarial assumptions used to determine the defined benefit pension plan obligations at December 31 were as follows:

Global Weighted Average			
December 31	2009	2008	2007
Discount rates	5.8%	6.1%	
Rates of compensation increase	3.6%	3.4%	

	U.S. Plans		International Plans	
December 31	2009	2008	2009	2008
Discount rates	5.9%	6.1%	5.7%	6.0%
Rates of compensation increase	3.0%	4.0%	3.6%	3.4%

The U.S. discount rate was determined using a yield curve that was produced from a universe containing approximately 500 U.S. dollar-denominated, AA-rated corporate bonds, all of which were noncallable (or callable with make-whole provisions), and excluding the 10% of the bonds with the highest yields and the 10% with the lowest yields. The discount rate was then developed as the level-equivalent rate that would produce the same present value as that using spot rates to discount the projected benefit payments. For international plans, the discount rate is aligned to corporate bond yields in the local markets, normally AA-rated corporations. The process and selection seeks to approximate the cash outflows with the timing and amounts of the expected benefit payments.

Accumulated Benefit Obligations

The accumulated benefit obligation for all defined benefit pension plans at December 31 was as follows:

(In millions)	U.S. Plans	International Plans
2009	\$247.1	\$877.7
2008	\$237.8	\$687.7

Plans with Accumulated Benefit Obligation in Excess of Plan Assets

The projected benefit obligation, accumulated benefit obligation and fair value of plan assets for pension plans with accumulated benefit obligations in excess of plan assets at December 31 were as follows:

	U.S. Plans		International Plans	
(In millions)	2009	2008	2009	2008
Projected benefit obligation	\$238.0	\$228.7	\$843.7	\$659.5
Accumulated benefit obligation	238.0	228.5	838.5	656.1
Fair value of plan assets	206.0	179.8	627.5	517.3

The asset allocations attributable to the Company's U.S. defined benefit pension plans at December 31, 2009 and 2008, and the long-term target allocation of plan assets, by asset category, are as follows:

U.S. Plans Asset Category	Target Long-Term Allocation	Percentage of Plan Assets at	
		December 31, 2009	December 31, 2008
Domestic Equity Securities	41% – 51%	47.5%	42.5%
International Equity Securities	4.5% – 14.5%	11.1%	8.8%
Fixed Income Securities	27% – 37%	32.7%	39.6%
Cash & Cash Equivalents	0% – 5%	1.4%	1.4%
Other	6% – 18%	7.3%	7.7%

Plan assets are allocated among various categories of equities, fixed income, cash and cash equivalents with professional investment managers whose performance is actively monitored. The primary investment objective is long-term growth of assets in order to meet present and future benefit obligations. The Company periodically conducts an asset/liability modeling study and accordingly adjusts investments among and within asset categories to ensure the long-term investment strategy is aligned with the profile of benefit obligations.

The Company reviews the long-term expected return-on-asset assumption on a periodic basis taking into account a variety of factors including the historical investment returns achieved over a long-term period, the targeted allocation of plan assets and future expectations based on a model of asset returns for an actively managed portfolio, inflation and administrative/other expenses. The model simulates 500 different capital market results over 15 years. For 2010, the expected return-on-asset assumption for U.S. plans is 8.00%, which is the same assumption as for 2009.

The U.S. defined benefit pension plans assets include 431,033 shares of the Company's stock valued at \$13.9 million at December 31, 2009 and 434,088 shares of the Company's common stock valued at \$12.0 million at December 31, 2008. These shares represented 6.4% of total plan assets at December 31, 2009 and 2008. Dividends paid to the pension plans on the Company stock amounted to \$0.3 million, \$0.3 million and \$0.5 million in 2009, 2008 and 2007, respectively.

The asset allocations attributable to the Company's international defined benefit pension plans at December 31, 2009 and 2008 and the long-term target allocation of plan assets, by asset category, are as follows:

International Plans Asset Category			
	Target Long-Term Allocation	Percentage of Plan Assets at	
		December 31, 2009	December 31, 2008
Equity Securities	50.0%	46.0%	42.0%
Fixed Income Securities	40.0%	43.9%	47.4%
Cash & Cash Equivalents	0.0%	1.5%	0.2%
Other	10.0%	8.6%	10.4%

Plan assets as of December 31, 2009 in the U.K. defined benefit pension plan amounted to 84.7% of the international pension assets. These assets are allocated among various categories of equities, fixed income, cash and cash equivalents with professional investment managers whose performance is actively monitored. The primary investment objective is long-term growth of assets in order to meet present and future benefit obligations. The Company periodically conducts asset/liability modeling studies and accordingly adjusts investment amounts within asset categories to ensure the long-term investment strategy is aligned with the profile of benefit obligations.

For the international long-term rate of return assumption, the Company considered the current level of expected returns in risk-free investments (primarily government bonds), the historical level of the risk premium associated with other asset classes in which the portfolio is invested and the expectations for future returns of each asset class and plan expenses. The expected return for each asset class was then weighted based on the target asset allocation to develop the expected long-term rate of return on assets. For 2010, the expected return-on-asset assumption for the U.K. plan is 7.5%, which is the same assumption as for 2009. The remaining international pension plans, with assets representing 15.3% of the international pension assets, are under the guidance of professional investment managers and have similar investment objectives.

The fair values of the Company's U.S. pension plans' assets at December 31, 2009 by asset category are as follows:

<i>(In thousands)</i>	Total	Level 1	Level 2	Level 3
Domestic equities:				
Common stocks	\$ 50,211	\$ 50,211	\$ –	\$–
Mutual funds – equities	52,734	13,892	38,842	–
International equities – mutual funds	24,035	11,012	13,023	–
Fixed income securities				
U.S. Treasuries and collateralized securities	25,525	–	25,525	–
Corporate bonds and notes	6,327	6,327	–	–
Mutual funds – bonds	39,110	39,110	–	–
Other – mutual funds	16,039	15,918	121	–
Cash and money market accounts	2,938	2,938	–	–
Total	\$216,919	\$139,408	\$77,511	\$–

The fair values of the Company's international pension plans' assets at December 31, 2009 by asset category are as follows:

<i>(In thousands)</i>	Total	Level 1	Level 2	Level 3
Equity securities:				
Common stocks	\$ 35,037	\$ 35,037	\$ –	\$ –
Mutual funds – equities	277,069	120,356	156,713	–
Fixed income investments:				
British government securities	46,299	–	46,299	–
Corporate bonds and notes	26,809	26,809	–	–
Mutual funds – bonds	168,201	–	168,201	–
Insurance contracts	56,955	–	56,955	–
Other:				
Real estate funds / limited partnerships	40,177	–	29,183	10,994
Other mutual funds	18,190	15,033	3,157	–
Cash and money market accounts	10,281	10,281	–	–
Total	\$679,018	\$207,516	\$460,508	\$10,994

The following table summarizes changes in the fair value of Level 3 assets for the year ended December 31, 2009:

<i>(In thousands)</i>	Real Estate Limited Partnerships
Balance at December 31, 2008	\$ 8,438
Actual return on plan assets:	
Relating to assets still held at year-end	2,556
Balance at December 31, 2009	\$10,994

Following is a description of the valuation methodologies used for the plans' investments measured at fair value:

- **Level 1 Fair Value Measurements**— Investments in interest-bearing cash are stated at cost, which approximates fair value. The fair values of money market accounts and certain mutual funds are based on quoted net asset values of the shares held by the Plan at year-end. The fair values of common and foreign stocks and corporate bonds, notes and convertible debentures are valued at the closing price reported in the active market on which the individual securities are traded.
- **Level 2 Fair Value Measurements**— The fair values of investments in mutual funds for which quoted net asset values in an active market are not available are valued by the investment advisor based on the current market values of the underlying assets of the mutual fund based on information reported by the investment consistent with audited financial statements of the mutual fund. Further information concerning these mutual funds may be obtained from their separate audited financial statements. Investments in U.S. Treasury notes and collateralized securities are valued based on yields currently available on comparable securities of issuers with similar credit ratings.
- **Level 3 Fair Value Measurements**— Real estate limited partnership interests are valued by the general partners based on the underlying assets. The limited partnership interests are valued using unobservable inputs and have been classified within Level 3 of the fair value hierarchy.

Effective for the year ending December 31, 2008, changes in pension accounting issued by the FASB required the consistent measurement of plan assets and benefit obligations as of the date of the Company's fiscal year-end statement of financial position. Since the Company previously used an October 31 measurement date for its U.S. defined benefit pension plans and a September 30 measurement date for most of its international defined benefit pension plans, the standard required the Company to change those measurement dates in 2008 to December 31. In order to record the effects of the change to a December 31 measurement date, the Company chose to use the measurements determined as of October 31, 2007 and September 30, 2007 and estimate the net periodic benefit cost for the 14-month and 15-month periods, respectively, ending December 31, 2008, exclusive of any curtailment or settlement gains or

losses. Amounts allocated proportionately to the 2-month and 3-month periods ended December 31, 2007 (the "short periods") were recorded as an adjustment to retained earnings, effective January 1, 2008. The remaining costs were recognized as net periodic pension cost during the year ended December 31, 2008. The following table sets forth the adjustments to retained earnings and Accumulated other comprehensive income ("AOCI") resulting from the measurement date change, net of tax for the short periods:

Impact of Measurement Date Change						
	U. S. Defined Benefit Pension Plans		International Defined Benefit Pension Plans		Other Post-Retirement Benefit Plans	
	Retained Earnings	AOCI	Retained Earnings	AOCI	Retained Earnings	AOCI
Service cost, interest cost and expected return on plan assets	\$ 576	\$ —	\$ 364	\$ —	\$(21)	\$ —
Amortization of prior service cost and actuarial gain (loss)	(169)	169	(2,207)	2,207	4	(4)
Net adjustment recognized	\$ 407	\$169	\$(1,843)	\$2,207	\$(17)	\$(4)

9 Income Taxes

Income from continuing operations before income taxes and noncontrolling interest as reported in the Consolidated Statements of Income consists of the following:

<i>(In thousands)</i>	2009	2008	2007
United States	\$ 51,529	\$ 98,842	\$110,926
International	107,813	244,495	271,513
Total income before income taxes and noncontrolling interest	\$159,342	\$343,337	\$382,439
Income tax expense (benefit):			
Currently payable:			
Federal	\$ 23,886	\$ 33,873	\$ 37,917
State	1,591	1,988	8,670
International	26,938	54,817	68,688
Total income taxes currently payable	52,415	90,678	115,275
Deferred federal and state	(28,018)	1,478	(3,695)
Deferred international	(5,888)	(336)	6,018
Total income tax expense	\$ 18,509	\$ 91,820	\$117,598

Cash payments for income taxes, including taxes on the gain or loss from discontinued business, were \$57.1 million, \$120.6 million and \$125.4 million for 2009, 2008 and 2007, respectively.

The following is a reconciliation of the normal expected statutory U.S. federal income tax rate to the effective rate as a percentage of Income from continuing operations before income taxes and noncontrolling interest as reported in the Consolidated Statements of Income:

	2009	2008	2007
U.S. federal income tax rate	35.0%	35.0%	35.0%
State income taxes, net of federal income tax benefit	1.0	0.8	1.0
Export sales corporation benefit/domestic manufacturing deduction	(1.5)	(0.2)	(0.3)
Change in permanent reinvestment assertion	(5.0)	—	(0.8)
Difference in effective tax rates on international earnings and remittances	(25.0)	(7.7)	(3.0)
Uncertain tax position contingencies and settlements	4.0	(0.5)	0.2
Cumulative effect in change in statutory tax rates/laws	2.8	(0.4)	(0.7)
Other, net	0.3	(0.3)	(0.7)
Effective income tax rate	11.6%	26.7%	30.7%

The difference in effective tax rates on international earnings and remittances from 2008 to 2009 was primarily due to a decrease in earnings in jurisdictions with higher tax rates and a change in the permanent reinvestment in current year earnings. In 2009, the company changed its permanent reinvestment assertion in prior year undistributed earnings for certain non-US subsidiaries which were previously not considered permanently reinvested.

The difference in effective tax rates for uncertain tax position contingencies and settlements from 2008 to 2009 resulted from an increase in unrecognized tax benefits related to an ongoing dispute between the European Union (“EU”) and specific EU countries partially offset by the recognition of previously unrecognized tax benefits in various state and foreign jurisdictions as a result of the lapse of statute of limitations and final settlements and resolution of outstanding tax matters in various state and foreign jurisdictions. While the Company believes it has adequately provided for all tax positions, amounts asserted by taxing authorities could be different than the accrued position.

The tax effects of the temporary differences giving rise to the Company's deferred tax assets and liabilities for the years ended December 31, 2009 and 2008 are as follows:

(In thousands)	2009		2008	
	Asset	Liability	Asset	Liability
Depreciation and amortization	\$ —	\$177,393	\$ —	\$169,729
Expense accruals	37,720	—	36,909	—
Inventories	4,813	—	4,866	—
Provision for receivables	2,129	—	2,587	—
Deferred revenue	—	4,838	—	7,704
Operating loss carryforwards	48,822	—	21,211	—
Deferred foreign tax credits	17,061	—	3,601	—
Pensions	61,403	—	58,226	—
Currency adjustments	66,791	—	85,561	—
Outside basis differences on foreign investments	—	—	—	7,963
Other	13,358	—	16,336	—
Subtotal	252,097	182,231	229,297	185,396
Valuation allowance	(22,744)	—	(21,459)	—
Total deferred income taxes	\$229,353	\$182,231	\$207,838	\$185,396

The deferred tax asset and liability balances recognized in the Consolidated Balance Sheets for the years ended December 31, 2009 and 2008 are as follows:

(In thousands)	2009	2008
Other current assets	\$ 82,606	\$ 35,065
Other assets	57,083	27,013
Other current liabilities	(1,574)	(4,194)
Deferred income taxes	(90,993)	(35,442)

At December 31, 2009, the tax-effected amount of net operating loss carryforwards (“NOLs”) totaled \$48.8 million. Tax-effected NOLs from international operations are \$41.0 million. Of that amount, \$33.7 million can be carried forward indefinitely, and \$7.3 million will expire at various times between 2012 and 2029. Tax-effected U.S. federal NOLs are \$0.2 million, expire in 2022, and relate to preacquisition NOLs. Tax-effected U.S. state NOLs are \$7.6 million. Of that amount, \$0.2 million expire at various times between 2010 and 2016, \$6.0 million expire at various times between 2017 and 2024, and \$1.4 million expire at various times between 2025 and 2029.

The valuation allowances of \$22.7 million and \$21.5 million at December 31, 2009 and 2008, respectively, related principally to NOLs, currency and foreign investment tax credits that are uncertain as to realizability.

The change in the valuation allowances for 2009 and 2008 results primarily from the increase in valuation allowances in certain jurisdictions based on the Company's evaluation of the realizability of future benefits partially offset by the utilization of NOLs and the release of valuation allowances in certain jurisdictions based on the Company's revaluation of the realizability of future benefits.

The Company has not provided U.S. income taxes on certain of its non-U.S. subsidiaries' undistributed earnings as such amounts are permanently reinvested outside the United States. At December 31, 2009 and 2008, such earnings were approximately \$843 million and \$741 million, respectively. If these earnings were repatriated at December 31, 2009, the one-time tax cost associated with the repatriation would be approximately \$163 million. The Company has various tax holidays in the Middle East and Asia that expire between 2010 and 2012. The Company no longer has tax holidays in Europe as they have all expired. During 2009, 2008 and 2007, these tax holidays resulted in approximately \$0.0 million, \$0.2 million and \$2.8 million, respectively, in reduced income tax expense.

The Company adopted changes in accounting for uncertain tax provisions effective January 1, 2007. As a result of the adoption, the Company recognized a cumulative effect reduction to the January 1, 2007 retained earnings balance of \$0.5 million. As of the adoption date, the Company had gross unrecognized income tax benefits of \$46.0 million, of which \$17.8 million, if recognized, would affect the Company's effective income tax rate. Of this amount, \$0.8 million was classified as current and \$45.2 million was classified as non-current on the Company's balance sheet. While the Company believes it has adequately provided for all tax positions, amounts asserted by taxing authorities could be different than the accrued position.

The Company recognizes accrued interest and penalty expense related to unrecognized income tax benefits ("UTB") in income tax expense. During the years ended December 31, 2009, 2008 and 2007, the Company recognized an income tax expense for interest and penalties of \$3.3 million, \$3.2 million and \$6.5 million, respectively. The Company had \$11.0 million and \$7.7 million for the payment of interest and penalties accrued at December 31, 2009 and 2008, respectively.

A reconciliation of the change in the UTB balance from January 1, 2007 to December 31, 2009 is as follows:

	Unrecognized Income Tax Benefits	Deferred Income Tax Benefits	Unrecognized Income Tax Benefits, Net of Deferred Income Tax Benefits
<i>(In thousands)</i>			
Balance at January 1, 2007	\$ 45,965	\$(15,016)	\$30,949
Additions for tax positions related to the current year (includes currency translation adjustment)	3,849	(172)	3,677
Additions for tax positions related to prior years (includes currency translation adjustment)	6,516	—	6,516
Reductions for tax positions related to acquired entities in prior years, offset to goodwill	(3,568)	—	(3,568)
Other reductions for tax positions related to prior years	(22,086)	12,681	(9,405)
Settlements	(500)	175	(325)
Balance at December 31, 2007	\$ 30,176	\$ (2,332)	\$27,844
Additions for tax positions related to the current year (includes currency translation adjustment)	2,723	—	2,723
Additions for tax positions related to prior years (includes currency translation adjustment)	2,753	(629)	2,124
Reductions for tax positions related to acquired entities in prior years, offset to goodwill	(92)	—	(92)
Other reductions for tax positions related to prior years	(6,080)	1,077	(5,003)
Settlements	(5,181)	705	(4,476)
Balance at December 31, 2008	\$ 24,299	\$ (1,179)	\$23,120
Additions for tax positions related to the current year (includes currency translation adjustment)	7,868	(11)	7,857
Additions for tax positions related to prior years (includes currency translation adjustment)	10,625	(49)	10,576
Other reductions for tax positions related to prior years	(4,007)	117	(3,890)
Statute of Limitations expirations	(1,934)	152	(1,782)
Settlements	(60)	21	(39)
Total unrecognized income tax benefits that, if recognized, would impact the effective income tax rate as of December 31, 2009	\$ 36,791	\$ (949)	\$35,842

Included in the additions for tax positions related to prior years for 2009 is \$6.8 million recorded in purchase accounting related to acquired entities.

Included in the additions for tax positions related to current and prior years is approximately \$8.0 million of unrecognized tax benefits that created an additional net operating loss in a foreign jurisdiction. To the extent the unrecognized tax benefit is recognized, a full valuation allowance would be recorded against the net operating loss.

The Company files its income tax returns as prescribed by the tax laws of the jurisdictions in which it operates. With few exceptions, the Company is no longer subject to U.S. and foreign examinations by tax authorities for the years through 2003.

It is reasonably possible the Company's unrecognized tax benefits may decrease within the next 12 months by \$3.0 million as a result of the lapse of statute of limitations and as a result of final settlement and resolution of outstanding tax matters in various state and foreign jurisdictions.

10 Commitments and Contingencies

Environmental

The Company is involved in a number of environmental remediation investigations and cleanups and, along with other companies, has been identified as a "potentially responsible party" for certain waste disposal sites. While each of these matters is subject to various uncertainties, it is probable that the Company will agree to make payments toward funding certain of these activities and it is possible that some of these matters will be decided unfavorably to the Company. The Company has evaluated its potential liability, and its financial exposure is dependent upon such factors as the continuing evolution of environmental laws and regulatory requirements, the availability and application of technology, the allocation of cost among potentially responsible parties, the years of remedial activity required and the remediation methods selected. The Consolidated Balance Sheets at December 31, 2009 and 2008 include accruals in Other current liabilities of \$3.1 million and \$3.2 million, respectively, for environmental matters. The amounts charged against pre-tax income related to environmental matters totaled \$1.5 million, \$1.5 million and \$2.8 million in 2009, 2008 and 2007, respectively.

The Company and an unrelated third party received a notice of violation in November 2007 from the United States Environmental Protection Agency ("the EPA"), in connection with an alleged violation by the Company and such third party of certain applicable federally enforceable air pollution control requirements in connection with the operation of a slag processing area located on the third party's Pennsylvania facility. The Company and such third party have promptly taken steps to remedy the situation.

The Company and the third party have reached an agreement in principle with the EPA to resolve this matter and are in the process of finalizing this agreement. The Company anticipates that its portion of any penalty would exceed \$0.1 million. However, the Company does not expect that any sum it may have to pay in connection with this matter would have a material adverse effect on its financial position, results of operations or cash flows.

The Company evaluates its liability for future environmental remediation costs on a quarterly basis. Actual costs to be incurred at identified sites in future periods may vary from the estimates, given inherent uncertainties in evaluating environmental exposures. The Company does not expect that any sum it may have to pay in connection with environmental matters in excess of the amounts recorded or disclosed above would have a material adverse effect on its financial position, results of operations or cash flows.

Gas Technologies Divestiture

In October 2009, the Company and Taylor-Wharton International ("TWI"), the purchaser of the Company's Gas Technologies business, satisfactorily resolved the open claims and counterclaims that were submitted to arbitration. The claims and counterclaims related to both net working capital adjustments associated with the divestiture and the alleged breach of certain representations and warranties made by the Company. The settlement and related costs and fees were reflected in the \$15.1 million after-tax loss from discontinued operations for 2009. In November 2009, TWI filed for bankruptcy protection under Chapter 11 of the U.S. Bankruptcy Code. TWI has not yet emerged from bankruptcy protection and has yet to confirm any plan of reorganization; however, TWI has filed a motion to reject certain executory contracts entered into between the Company and TWI. TWI has not sought to reject the settlement agreement finalized in October 2009 between the Company and TWI. The Company has not yet been able to determine the effect of such proceedings on ongoing contractual relationships between the Company and TWI.

Value-Added Tax Dispute

The Company is involved in a value-added and services ("ICMS") tax dispute with the State Revenue Authorities from the State of São Paulo, Brazil (the "SPRA"). In October 2009, the Company received notification of the SPRA's administrative decision regarding the levying of ICMS in the State of São Paulo in relation to services provided to one of the Company's customers in the State between January 2004 and May 2005. The assessment from the SPRA is approximately \$12 million, including tax, penalty and interest and could increase to reflect additional interest accrued since December 2007.

The Company believes that it does not have liability for this assessment and will vigorously contest it under various alternatives, including judicial appeal. Any ultimate final determination of this assessment is not likely to have a material adverse effect on the Company's annual results of operations, cash flows or financial condition.

Other

The Company has been named as one of many defendants (approximately 90 or more in most cases) in legal actions alleging personal injury from exposure to airborne asbestos over the past several decades. In their suits, the plaintiffs have named as defendants, among others, many manufacturers, distributors and installers of numerous types of equipment or products that allegedly contained asbestos.

The Company believes that the claims against it are without merit. The Company has never been a producer, manufacturer or processor of asbestos fibers. Any component within a Company product that may have contained asbestos would have been purchased from a supplier. Based on scientific and medical evidence, the Company believes that any asbestos exposure arising from normal use of any Company product never presented any harmful levels of airborne asbestos exposure, and moreover, the type of asbestos contained in any component that was used in those products was protectively encapsulated in other materials and is not associated with the types of injuries alleged in the pending suits. Finally, in most of the depositions taken of plaintiffs to date in the litigation against the Company, plaintiffs have failed to specifically identify any Company products as the source of their asbestos exposure.

The majority of the asbestos complaints pending against the Company have been filed in New York. Almost all of the New York complaints contain a standard claim for damages of \$20 million or \$25 million against the approximately 90 defendants, regardless of the individual plaintiff's alleged medical condition, and without specifically identifying any Company product as the source of plaintiff's asbestos exposure.

As of December 31, 2009, there are 26,084 pending asbestos personal injury claims filed against the Company. Of these cases, 25,576 were pending in the New York Supreme Court for New York County in New York State. The other claims, totaling 508, are filed in various counties in a number of state courts, and in certain Federal District Courts (including New York), and those complaints generally assert lesser amounts of damages than the New York State court cases or do not state any amount claimed.

As of December 31, 2009, the Company has obtained dismissal by stipulation, or summary judgment prior to trial, in 18,366 cases.

In view of the persistence of asbestos litigation nationwide, the Company expects to continue to receive additional claims. However, there have been developments during the past several years, both by certain state legislatures and by certain state courts, which could favorably affect the Company's ability to defend these asbestos claims in those jurisdictions. These developments include procedural changes, docketing changes, proof of damage requirements and other changes that require plaintiffs to follow specific procedures in bringing their claims and to show proof of damages before they can proceed with their claim. An example is the action taken by the New York Supreme Court (a trial court), which is responsible for managing all asbestos cases pending within New York County in the State of New York. This Court issued an order in December 2002 that created a Deferred or Inactive Docket for all pending and future asbestos claims filed by plaintiffs who cannot demonstrate that they have a malignant condition or discernable physical impairment, and an Active or In Extremis Docket for plaintiffs who are able to show such medical condition. As a result of this order, the majority of the asbestos cases filed against the Company in New York County have been moved to the Inactive Docket until such time as the plaintiffs can show that they have incurred a physical impairment. As of December 31, 2009, the Company has been listed as a defendant in 443 Active or In Extremis asbestos cases in New York County. The Court's Order has been challenged by plaintiffs.

Except with regard to the legal costs in a few limited, exceptional cases, the Company's insurance carrier has paid all legal and settlement costs and expenses to date. The Company has liability insurance coverage under various primary and excess policies that the Company believes will be available, if necessary, to substantially cover any liability that might ultimately be incurred on these claims.

The Company intends to continue its practice of vigorously defending these cases as they are listed for trial. It is not possible to predict the ultimate outcome of asbestos-related lawsuits, claims and proceedings due to the unpredictable nature of personal injury litigation. Despite this uncertainty, and although results of operations and cash flows for a given period could be adversely affected by asbestos-related lawsuits, claims and proceedings, management believes that the ultimate outcome of these cases will not have a material adverse effect on the Company's financial condition, results of operations or cash flows.

The Company is subject to various other claims and legal proceedings covering a wide range of matters that arose in the ordinary course of business. In the opinion of management, all such matters are adequately

covered by insurance or by accruals, and if not so covered, are without merit or are of such kind, or involve such amounts, as would not have a material adverse effect on the financial position, results of operations or cash flows of the Company.

Insurance liabilities are recorded when it is probable that a liability has been incurred for a particular event and the amount of loss associated with the event can be reasonably estimated. Insurance reserves have been estimated based primarily upon actuarial calculations and reflect the undiscounted estimated liabilities for ultimate losses including claims incurred but not reported. Inherent in these estimates are assumptions that are based on the Company's history of claims and losses, a detailed analysis of existing claims with respect to potential value, and current legal and legislative trends. If actual claims differ from those projected by management, changes (either increases or decreases) to insurance reserves may be required and would be recorded through income in the period the change was determined. When a recognized liability is covered by third-party insurance, the Company records an insurance claim receivable to reflect the covered liability. Insurance claim receivables are included in Other receivables in the Company's Consolidated Balance Sheets. See Note 1, "Summary of Significant Accounting Policies," for additional information on Accrued Insurance and Loss Reserves.

11 Capital Stock

The authorized capital stock of the Company consists of 150,000,000 shares of common stock and 4,000,000 shares of preferred stock, both having a par value of \$1.25 per share. The preferred stock is issuable in series with terms as fixed by the Board of Directors (the "Board"). None of the preferred stock has been issued. On September 25, 2007, the Board approved a revised Preferred Stock Purchase Rights Agreement (the "Agreement"). Under the Agreement, the Board authorized and declared a dividend distribution to stockholders of record on October 9, 2007, of one right for each share of common stock outstanding on the record date. The rights may only be exercised if, among other things and with certain exceptions, a person or group has acquired 15% or more of the Company's common stock without the prior approval of the Board. Each right entitles the holder to purchase 1/100th share of Harsco Series A Junior Participating Cumulative Preferred Stock at an exercise price of

\$230. Once the rights become exercisable, the holder of a right will be entitled, upon payment of the exercise price, to purchase a number of shares of common stock calculated to have a value of two times the exercise price of the right. The rights, which expire on October 9, 2017, do not have voting power, and may be redeemed by the Company at a price of \$0.001 per right at any time until the 10th business day following public announcement that a person or group has accumulated 15% or more of the Company's common stock. The Agreement also includes an exchange feature. At December 31, 2009, 803,531 shares of \$1.25 par value preferred stock were reserved for issuance upon exercise of the rights.

On January 23, 2007, the Company's Board of Directors approved a two-for-one stock split of the Company's common stock. One additional share of common stock was issued on March 26, 2007 for each share that was issued and outstanding at the close of business on February 28, 2007. The Company's treasury stock was not included in the stock split.

The Board of Directors has authorized the repurchase of shares of common stock as follows:

	No. of Shares Authorized to be Purchased January 1 ^(a)	Additional Shares Authorized for Purchase	No. of Shares Purchased	Remaining No. of Shares Authorized for Purchase December 31
2007	2,000,000	—	—	2,000,000
2008	2,000,000	4,000,000	4,463,353	1,536,647
2009	1,536,647	463,353	—	2,000,000

(a) Authorization adjusted to reflect the two-for-one stock split effective at the end of business on March 26, 2007.

The Company's share repurchase program was extended by the Board of Directors in September 2009. At that time, the Board authorized an increase of 463,353 shares to the 1,536,647 remaining from the Board's previous stock repurchase authorization. The repurchase program expires January 31, 2011. When and if appropriate, repurchases are made in open market transactions, depending on market conditions. Repurchases may not be made and may be discontinued at any time.

In addition to the above purchases, 53,029 and 29,346 shares were repurchased in 2009 and 2008, respectively, in connection with the issuance of shares as a result of vested restricted stock units. In 2009, 15,645 shares were repurchased in connection with the issuance of shares as a result of stock option exercises. In 2007, 90 treasury shares were issued in connection with stock option exercises, employee service awards and shares related to vested restricted stock units.

The following table summarizes the Company's common stock:

Common Stock	Shares Issued	Treasury Shares	Outstanding Shares
Outstanding, January 1, 2007 ^(a)	110,510,203	26,472,843	84,037,360
Stock Options Exercised ^(a)	422,416	—	422,416
Other ^(a)	—	(90)	90
Outstanding, December 31, 2007	110,932,619	26,472,753	84,459,866
Stock Options Exercised	121,176	—	121,176
Vested Restricted Stock Units	86,193	29,346	56,847
Purchases	—	4,463,353	(4,463,353)
Outstanding, December 31, 2008	111,139,988	30,965,452	80,174,536
Stock Options Exercised	92,250	15,645	76,605
Vested Restricted Stock Units	154,947	53,029	101,918
Outstanding, December 31, 2009	111,387,185	31,034,126	80,353,059

(a) Share data has been restated for comparison purposes to reflect the effect of the March 2007 stock split.

The following is a reconciliation of the average shares of common stock used to compute basic earnings per common share to the shares used to compute diluted earnings per common share as shown on the Consolidated Statements of Income:

<i>(Amounts in thousands, except per share data)</i>	2009	2008	2007
Income from continuing operations attributable to Harsco Corporation common stockholders	\$133,838	\$245,623	\$255,115
Weighted average shares outstanding – basic	80,295	83,599	84,169
Dilutive effect of stock-based compensation	291	430	555
Weighted average shares outstanding – diluted	80,586	84,029	84,724
Earnings from continuing operations per common share, attributable to Harsco Corporation common stockholders:			
Basic	\$ 1.67	\$ 2.94	\$ 3.03
Diluted	\$ 1.66	\$ 2.92	\$ 3.01

At December 31, 2009, 21,675 restricted stock units outstanding were not included in diluted weighted average shares outstanding because the effect was antidilutive. All outstanding stock options at December 31, 2009 and all outstanding stock options and restricted stock units at December 31, 2008 and 2007 were included in the computation of diluted earnings per share.

12 Stock-Based Compensation

The 1995 Executive Incentive Compensation Plan authorizes the issuance of up to 8,000,000 shares of the Company's common stock for use in paying incentive compensation awards in the form of stock options or other equity awards such as restricted stock, restricted stock units or stock appreciation rights. The 1995 Non-Employee Directors' Stock Plan authorizes the issuance of up to 600,000 shares of the Company's common stock for equity awards. At December 31, 2009, there were 2,184,952 and 249,000 shares available for granting equity awards under the 1995 Executive Incentive Compensation Plan and the 1995 Non-Employee Directors' Stock Plan, respectively. The above-referenced authorized and available shares for the Executive Incentive Compensation and Non-Employee Directors' Stock Plans are stated to reflect the March 2007 two-for-one stock split. Generally, new shares are issued for exercised stock options and vested restricted stock units.

The Board of Directors approves the granting of performance-based restricted stock units as the long-term equity component of director, officer and certain key employee compensation. The restricted stock units require no payment from the recipient and compensation cost is measured based on the market price on the grant date and is generally recorded over the vesting period. The vesting period for restricted stock units granted to non-employee directors is one year, and each restricted stock unit will be exchanged for a like number of shares of Company stock following the termination of the participant's service as a director. Restricted stock units granted to officers and certain key employees after September 2006 vest on a pro rata basis over a three-year period, and the specified retirement age is 62. Prior grants utilized three-year cliff vesting and a retirement age of 65. Upon vesting, each restricted stock unit will be exchanged for a like number of shares of the Company's stock. Restricted stock units do not have an option for cash payment.

The following table summarizes restricted stock units issued and the compensation expense (including both continuing and discontinued operations) recorded for the years ended December 31, 2009, 2008 and 2007:

Stock-Based Compensation Expense (Income)					
(Dollars in thousands, except per unit)	Restricted Stock Units	Fair Value per Unit	Expense (Income)		
			2009	2008	2007
Directors:					
May 1, 2006 ^(a)	16,000	\$41.30	\$ —	\$ —	\$ 220
May 1, 2007	16,000	50.62	—	270	539
May 1, 2008	16,000	58.36	311	623	—
May 1, 2009	16,000	27.28	291	—	—
Employees:					
January 24, 2005 ^(a)	65,400	25.21	—	21	328
January 24, 2006 ^(a)	93,100	33.85	(191) ^(b)	632	839
January 23, 2007	101,700	38.25	761	1,035	1,488
January 22, 2008	130,950	45.95	1,371	2,652	—
January 27, 2009	106,625	25.15	1,174	—	—
November 19, 2009	15,000	31.90	169	—	—
Total	576,775		\$3,886	\$5,233	\$3,414

(a) Restricted stock units and fair values have been restated to reflect the March 2007 two-for-one stock split.

(b) Due primarily to forfeitures of restricted stock units.

Restricted stock unit activity for the years ended December 31, 2009, 2008 and 2007 was as follows:

	Restricted Stock Units ^(a)	Weighted Average Grant-Date Fair Value ^(a)
Nonvested at January 1, 2007	145,234	\$30.88
Granted	117,700	39.93
Vested	(16,000)	47.51
Forfeited	(35,000)	34.06
Nonvested at December 31, 2007	211,934	34.12
Granted	146,950	47.30
Vested	(95,570)	34.43
Forfeited	(5,584)	39.78
Nonvested at December 31, 2008	257,730	41.40
Granted	137,625	26.13
Vested	(153,283)	38.46
Forfeited	(12,581)	36.97
Nonvested at December 31, 2009	229,491	\$34.45

(a) Restricted stock units and fair values have been restated to reflect the March 2007 two-for-one stock split.

As of December 31, 2009, the total unrecognized compensation cost related to nonvested restricted stock units was \$3.2 million, which is expected to be recognized over a weighted-average period of approximately 1.5 years.

There was a \$0.3 million decrease of excess tax benefits principally from restricted stock units recognized in 2009, while increases in excess tax benefits principally from stock options of \$1.7 million and \$5.1 million were recognized during 2008 and 2007, respectively.

No stock options have been granted to officers and employees since February 2002. No stock options have been granted to non-employee directors since May 2003. Prior to these dates, the Company had granted stock options for the purchase of its common stock to officers, certain key employees and non-employee directors under two stockholder-approved plans. The exercise price of the stock options was the fair value on the grant date, which was the date the Board of Directors approved the respective grants.

Options issued under the 1995 Executive Incentive Compensation Plan generally vested and became exercisable one year following the date of grant except options issued in 2002, which generally vested and became exercisable two years following the date of grant. Options issued under the 1995 Non-Employee Director's Stock Plan generally became exercisable one year following the date of grant but vested immediately. The options under both Plans expire ten years from the date of grant.

Stock option activity for the years ended December 31, 2009, 2008 and 2007 was as follows:

	Shares Under Option ^(a)	Weighted Average Exercise Price ^(a)	Aggregate Intrinsic Value (in millions) ^(b)
Outstanding, January 1, 2007	1,027,412	\$15.49	\$23.4
Exercised	(422,416)	15.74	—
Outstanding, December 31, 2007	604,996	15.30	29.9
Exercised	(121,176)	14.96	—
Outstanding, December 31, 2008	483,820	15.39	5.7
Exercised	(92,250)	14.25	—
Expired	(1,600)	14.57	—
Outstanding, December 31, 2009	389,970	\$15.66	\$ 6.7

(a) Stock options and weighted average exercise prices have been restated to reflect the March 2007 two-for-one stock split.

(b) Intrinsic value is defined as the difference between the current market value and the exercise price.

The total intrinsic value of options exercised during the twelve months ended December 31, 2009, 2008 and 2007 was \$1.4 million, \$4.5 million and \$17.1 million, respectively.

Options to purchase 389,970 shares were exercisable at December 31, 2009. The following table summarizes information concerning outstanding and exercisable options at December 31, 2009.

Stock Options Outstanding and Exercisable			
Range of Exercisable Prices	Number Outstanding and Exercisable	Remaining Contractual Life In Years	Weighted Average Exercise Price
\$12.81–14.50	137,815	0.79	\$13.52
14.65–16.33	195,955	2.01	16.29
16.96–20.96	56,200	2.78	18.73
	389,970		

13 Financial Instruments

Off-Balance Sheet Risk

As collateral for the Company's performance and to insurers, the Company is contingently liable under standby letters of credit, bonds and bank guarantees in the amounts of \$280.1 million and \$234.1 million at December 31, 2009 and 2008, respectively. These standby letters of credit, bonds and bank guarantees are generally in force for up to four years. Certain issues have no scheduled expiration date. The Company pays fees to various banks and insurance companies that range from 0.25 percent to 1.60 percent per annum of the instruments' face value. If the Company were required to obtain replacement standby letters of credit, bonds and bank guarantees as of December 31, 2009 for those currently outstanding, it is the Company's opinion that the replacement costs would be within the present fee structure.

The Company has currency exposures in more than 50 countries. The Company's primary foreign currency exposures during 2009 were in the United Kingdom, the European Economic and Monetary Union, Poland, Brazil and Mexico.

Off-Balance Sheet Risk – Third Party Guarantees

In connection with the licensing of one of the Company's trade names and providing certain management services (the furnishing of selected employees), the Company guarantees the debt of certain third parties related to its international operations. These guarantees are provided to enable the third parties to obtain financing of their operations. The Company receives fees from these operations, which are included as Services revenues in the Company's Consolidated Statements of Income. The revenue the Company recorded from these entities was \$9.6 million, \$6.3 million and \$3.0 million for the twelve months ended December 31, 2009, 2008 and 2007, respectively. The guarantees are renewed on an annual basis and the Company would only be required to perform under the guarantees if the third parties default on their debt. The maximum potential amount of future payments (undiscounted) related to these guarantees was \$1.6 million and \$2.9 million at December 31, 2009 and 2008, respectively. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making these payments is remote. These guarantees were renewed in June 2009 and November 2009.

The Company provided an environmental indemnification for properties that were sold to a third party in 2007. The maximum term of this guarantee is 20 years, and the Company would be required to perform under the guarantee only if an environmental matter is discovered on the properties. The Company is not aware of environmental

issues related to these properties. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provided an environmental indemnification for property from a lease that terminated in 2006. The term of this guarantee is indefinite, and the Company would be required to perform under the guarantee only if an environmental matter were discovered on the property relating to the time the Company leased the property. The Company is not aware of any environmental issues related to this property. The maximum potential amount of future payments (undiscounted) related to this guarantee is estimated to be \$3.0 million at December 31, 2009 and 2008. There is no recognition of this potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provides guarantees related to arrangements with certain customers that include joint and several liability for actions for which the Company may be partially at fault. The terms of these guarantees generally do not exceed four years, and the maximum amount of future payments (undiscounted) related to these guarantees is \$3.0 million per occurrence. This amount represents the Company's self-insured maximum limitation. There is no specific recognition of potential future payments in the accompanying financial statements as the Company is not aware of any claims.

The Company provided a guarantee related to the payment of taxes for a product line that was sold to a third party in 2005. The term of this guarantee is five years, and the Company would be required to perform under the guarantee only if taxes were not properly paid to the government while the Company owned the product line in accordance with applicable statutes. The Company is not aware of any instances of noncompliance related to these statutes. The maximum potential amount of future payments (undiscounted) related to this guarantee is estimated to be \$1.3 million at December 31, 2009 and 2008. There is no recognition of any potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The Company provided an environmental indemnification for property that was sold to a third party in 2004. The term of this guarantee is seven years, and the Company would be required to perform under the guarantee only if an environmental matter were discovered on the property relating to the time the Company owned the property that was not known by the buyer at the date of sale. The Company is not aware of any environmental issues related to this property. The maximum potential amount of future payments (undiscounted) related to this guarantee is \$0.8 million at December 31, 2009 and 2008. There is no recognition of this

potential future payment in the accompanying financial statements as the Company believes the potential for making this payment is remote.

The above liabilities related to the Company's obligation to stand ready to act on these off-balance sheet guarantees are included in Other current liabilities or Other liabilities (as appropriate) in the Consolidated Balance Sheets. The recognition of these liabilities did not have a material impact on the Company's financial condition or results of operations for the twelve months ended December 31, 2009, 2008 or 2007.

In the normal course of business, the Company provides legal indemnifications related primarily to the performance of its products and services and patent and trademark infringement of its goods and services sold. These indemnifications generally relate to the performance (regarding function, not price) of the respective goods or services and therefore no liability is recognized related to the fair value of such guarantees.

Derivative Instruments and Hedging Activities

The Company uses derivative instruments, including swaps and forward contracts, to manage certain foreign currency, commodity price and interest rate exposures. Derivative instruments are viewed as risk management tools by the Company and are not used for trading or speculative purposes.

All derivative instruments are recorded on the balance sheet at fair value. Changes in the fair value of derivatives used to hedge foreign-currency-denominated balance sheet items are reported directly in earnings along with offsetting transaction gains and losses on the

items being hedged. Derivatives used to hedge forecasted cash flows associated with foreign currency commitments or forecasted commodity purchases may be accounted for as cash flow hedges, as deemed appropriate and if the criteria for hedge accounting are met. Gains and losses on derivatives designated as cash flow hedges are deferred as a separate component of equity and reclassified to earnings in a manner that matches the timing of the earnings impact of the hedged transactions. Generally, as of December 31, 2009, these deferred gains and losses will be reclassified to earnings over 10 to 15 years from the balance sheet date. The ineffective portion of all hedges, if any, is recognized currently in earnings.

The fair value of outstanding derivative contracts recorded as assets and liabilities in the accompanying December 31, 2009 Consolidated Balance Sheet were as follows:

Fair Values of Derivative Contracts			
At December 31, 2009			
(In thousands)	Other Current Assets	Other Assets	Other Current Liabilities
Derivatives designated as hedging instruments:			
Foreign currency forward exchange contracts	\$ —	\$ —	\$ 14
Cross-currency interest rate swap	—	7,357	—
Total derivatives designated as hedging instruments	\$ —	\$7,357	\$ 14
Derivatives not designated as hedging instruments:			
Foreign currency forward exchange contracts	\$2,187	\$ —	\$590

The effect of derivative instruments on the Consolidated Statements of Income and the Consolidated Statements of Comprehensive Income for the twelve months ended December 31, 2009 was as follows:

Derivatives Designated as Hedging Instruments					
(In thousands)	Amount of Loss Recognized in Other Comprehensive Income ("OCI") on Derivative – Effective Portion	Location of Gain Reclassified from Accumulated OCI into Income – Effective Portion	Amount of Gain Reclassified from Accumulated OCI into Income – Effective Portion	Location of Loss Recognized in Income on Derivative – Ineffective Portion and Amount Excluded from Effectiveness Testing	Amount of Loss Recognized in Income on Derivative – Ineffective Portion and Amount Excluded from Effectiveness Testing
For the twelve months ended December 31, 2009:					
Foreign currency forward exchange contracts	\$ (23)		\$ —		\$ —
Commodity contracts	(3,352)	Service Revenues	1,025	Service Revenues	(318)
Cross-currency interest rate swap	(36,490)		—	Cost of services and products sold	(5,586) ^(a)
	\$(39,865)		\$1,025		\$(5,904)

(a) The net losses offset foreign currency fluctuation effects on the debt principal.

Derivatives Not Designated as Hedging Instruments

(In thousands)	Location of Loss Recognized in Income on Derivative	Amount of Loss Recognized in Income on Derivative For the Twelve Months Ended December 31, 2009 ^(a)
Foreign currency forward exchange contracts	Cost of services and products sold	\$(6,308)

(a) These losses offset gains recognized in cost of service and products sold principally as a result of intercompany or third party foreign currency exposures.

Commodity Derivatives

The Company periodically uses derivative instruments to hedge cash flows associated with selling price exposure to certain commodities. The Company's commodity derivative activities are subject to the management, direction and control of the Company's Risk Management Committee, which approves the use of all commodity derivative instruments. The Company's commodity derivative contract positions that qualified as cash flow hedges under the requirements for hedge accounting consisted of unsecured swap contracts. There were no such outstanding contracts at December 31, 2009 as all previously open positions matured in 2009. At December 31, 2008, the Company had swap contracts with a notional value of \$10.9 million that had related amounts recognized in operating income from continuing operations and other comprehensive income of \$6.4 million and \$4.4 million, respectively. At December 31, 2007, the Company had cashless collars with a notional value of \$6.0 million with a related \$0.5 million recognized in operating income from continuing operations.

Foreign Currency Forward Exchange Contracts

The Company conducts business in multiple currencies and, accordingly, is subject to the inherent risks associated with foreign exchange rate movements. The financial position and results of operations of substantially all of the Company's foreign subsidiaries are measured using the local currency as the functional currency. Foreign currency-denominated assets and liabilities are translated into U.S. dollars at the exchange rates existing at the respective balance sheet dates, and income and expense items are translated at the average exchange rates during the respective periods. The aggregate effects of translating the balance sheets of these subsidiaries are deferred and recorded in Accumulated other comprehensive loss or income, which is a separate component of equity.

The Company uses derivative instruments to hedge cash flows related to foreign currency fluctuations. At December 31, 2009 and 2008, the Company had \$122.1 million and \$293.9 million of contracted amounts, respectively, of foreign currency forward exchange contracts outstanding. These contracts are part of a worldwide program to minimize foreign currency exchange operating income and balance sheet exposure by offsetting foreign currency exposures of certain future payments between the Company and its various subsidiaries, vendors or customers. The unsecured contracts outstanding at December 31, 2009 mature at various times within three months and are with major financial institutions. The Company may be exposed to credit loss in the event of non-performance by the contract counterparties. The Company evaluates the creditworthiness of the counterparties and does not expect default by them. Foreign currency forward exchange contracts are used to hedge commitments, such as foreign currency debt, firm purchase commitments and foreign currency cash flows for certain export sales transactions.

The following tables summarize, by major currency, the contractual amounts of the Company's foreign currency forward exchange contracts in U.S. dollars as of December 31, 2009 and 2008. The "Buy" amounts represent the U.S. dollar equivalent of commitments to purchase foreign currencies, and the "Sell" amounts represent the U.S. dollar equivalent of commitments to sell foreign currencies. Recognized gains and losses offset amounts recognized in cost of services and products sold principally as a result of intercompany or third party foreign currency exposures.

As of December 31, 2009				
(In thousands)	Type	U.S. Dollar Equivalent	Maturity	Recognized Gain (Loss)
British pounds sterling	Sell	\$ 715	January 2010 through March 2010	\$ (18)
British pounds sterling	Buy	3,354	January 2010	67
Euros	Sell	72,068	January 2010 through February 2010	1,820
Euros	Buy	38,967	January 2010	(346)
Other currencies	Sell	4,155	January 2010 through February 2010	72
Other currencies	Buy	2,867	January 2010 through March 2010	(12)
Total		\$122,126		\$1,583

As of December 31, 2008				
(In thousands)	Type	U.S. Dollar Equivalent	Maturity	Recognized Gain (Loss)
Canadian dollar	Sell	\$ 1,342	January through September 2009	\$ (14)
Euros	Sell	19,749	January through March 2009	(248)
Euros	Buy	113,084	January through August 2009	5,625
British pounds sterling	Sell	56,671	January 2009	1,450
British pounds sterling	Buy	98,878	January through February 2009	(3,335)
South African rand	Sell	2,175	January 2009	(41)
Other currencies	Sell	292	January 2009	3
Other currencies	Buy	1,692	January through May 2009	(62)
Total		\$293,883		\$ 3,378

The Company had outstanding forward contracts designated as cash flow hedges in the amount of \$2.1 million at December 31, 2008. These forward contracts had a net unrealized gain of \$6 thousand that was included in Other comprehensive income (loss), net of deferred taxes, at December 31, 2008. The Company did not elect to treat the remaining contracts as hedges, and mark-to-market gains and losses were recognized in net income.

In addition to foreign currency forward exchange contracts, the Company designates certain loans as hedges of net investments in foreign subsidiaries. The Company recorded charges of \$9.2 million and \$7.6 million during 2009 and 2008, respectively, as Accumulated other comprehensive loss, which is a separate component of stockholders' equity, related to hedges of net investments.

Cross-Currency Interest Rate Swap

In May 2008, the Company entered into a 10-year, \$250.0 million cross-currency interest rate swap in conjunction with a debt issuance in order to lock in a fixed euro interest rate for \$250.0 million of the issuance. Under the swap, the Company receives interest based on a fixed U.S. dollar rate and pays interest on a fixed euro rate on the outstanding notional principal amounts in dollars and euros, respectively. The cross-currency interest rate swap is recorded in the consolidated balance sheet at fair value, with changes in value attributed to the effect of the swaps' interest spread recorded in Accumulated other comprehensive loss or income, which is a separate component of equity. Changes in value attributed to the effect of foreign currency fluctuations are recorded in the income statement and offset currency fluctuation effects on the debt principal.

Fair Value of Derivative Assets and Liabilities and Other Financial Instruments

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). The Company utilizes market data or assumptions that the Company believes market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique.

The fair value hierarchy distinguishes between (1) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (2) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

- Level 1 – Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.
- Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, including quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates); and inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 – Inputs that are both significant to the fair value measurement and unobservable.

In instances in which multiple levels of inputs are used to measure fair value, hierarchy classification is based on the lowest level input that is significant to the fair value measurement in its entirety. The Company's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the asset or liability.

At December 31, 2009 and 2008, all derivative assets and liabilities were valued at Level 2 of the fair value hierarchy. The following table indicates the different financial instruments of the Company.

Level 2 Fair Value Measurements as of December 31, 2009 and 2008		
<i>(In thousands)</i>	2009	2008
Assets		
Commodity derivatives	\$ —	\$ 4,479
Foreign currency forward exchange contracts	2,187	7,332
Cross-currency interest rate swap	7,357	49,433
Liabilities		
Foreign currency forward exchange contracts	604	3,954

The Company primarily applies the market approach for recurring fair value measurements and endeavors to utilize the best available information. Accordingly, the Company utilizes valuation techniques that maximize the use of observable inputs, such as forward rates, interest rates, the Company's credit risk and counterparties' credit risks, and minimize the use of unobservable inputs. The Company is able to classify fair value balances based on the observability of those inputs. Commodity derivatives, foreign currency forward exchange contracts and cross-currency interest rate swaps are classified as Level 2 fair value based upon pricing models using market-based inputs. Model inputs can be verified, and valuation techniques do not involve significant management judgment.

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable, accrued liabilities and short-term borrowings approximate fair value due to the short-term maturities of these assets and liabilities. At December 31, 2009 and 2008, total fair value of long-term debt, including current maturities, was \$965.5 million and \$900.1 million, respectively, compared to carrying value of \$927.5 million and \$895.0 million, respectively. Fair values for debt are based on quoted market prices for the same or similar issues or on the current rates offered to the Company for debt of the same remaining maturities.

Concentrations of Credit Risk

Financial instruments, which potentially subject the Company to concentrations of credit risk, consist principally of cash and cash equivalents and accounts receivable. The Company places its cash and cash equivalents with high-quality financial institutions and, by policy, limits the amount of credit exposure to any one institution.

Concentrations of credit risk with respect to trade accounts receivable are generally limited in the Harsco Infrastructure and Harsco Rail Segments and the “All Other” Category due to the Company’s large number of customers and their dispersion across different industries and geographies. However, the Company’s Harsco Metals Segment has several large customers throughout the world with significant accounts receivable balances. Additionally, consolidation in the global steel industry has increased the Company’s exposure to specific customers. Additional consolidation is possible. Should transactions occur involving some of the steel industry’s larger companies, which are customers of the Company, it would result in an increase in concentration of credit risk for the Company.

The Company generally does not require collateral or other security to support customer receivables. If a receivable from one or more of the Company’s larger customers becomes uncollectible, it could have a material effect on the Company’s results of operations or cash flows.

14 Information by Segment and Geographic Area

The Company reports information about its operating segments using the “management approach,” which is based on the way management organizes and reports the segments within the enterprise for making operating decisions and assessing performance. The Company’s reportable segments are identified based upon differences in products, services and markets served.

The Company has three reportable segments and an “All Other” Category labeled Harsco Minerals & Harsco Industrial. These segments and the types of products and services offered include the following:

Harsco Infrastructure Segment

Major services include project engineering and equipment installation, as well as the sale and rental of scaffolding, shoring and concrete forming systems for industrial maintenance and capital improvement projects, non-residential construction, and international multi-dwelling residential construction projects. Services are provided to industrial and petrochemical plants; the infrastructure construction, repair and maintenance markets; commercial and industrial construction contractors; and public utilities.

Harsco Metals Segment

This segment provides on-site, outsourced services to steel mills and other metal producers such as aluminum and copper. Services include slag processing; semi-finished inventory management; material handling; scrap management; in-plant transportation; and a variety of other services.

Harsco Rail Segment

This segment manufactures railway track maintenance equipment and provides track maintenance services. The major customers include private and government-owned railroads and urban mass transit systems worldwide.

All Other Category – Harsco Minerals & Harsco Industrial

Major products and services include minerals and recycling technologies; granules for asphalt roofing shingles and abrasives for industrial surface preparation derived from coal slag; industrial grating; air-cooled heat exchangers; and boilers and water heaters.

Major customers include steel mills; industrial plants and the non-residential, commercial and public construction and retrofit markets; the natural gas exploration and processing industry; and asphalt roofing manufacturers.

Other Information

The measurement basis of segment profit or loss is operating income. Sales of the Company in the United States and the United Kingdom exceeded 10% of consolidated sales with 34% and 15%, respectively, in 2009; 32% and 17%, respectively, in 2008; and 31% and 20%, respectively, in 2007. There are no significant inter-segment sales.

In 2009, 2008 and 2007, sales to one customer, ArcelorMittal, principally in the Harsco Metals Segment, were \$305.6 million, \$416.6 million and \$396.2 million, respectively, which represented more than 10% of the Company’s consolidated sales for those years. These sales were provided under multiple long-term contracts at several mill sites. In addition, the Harsco Metals Segment is dependent largely on the global steel industry, and in 2009, 2008 and 2007 there were two customers, including ArcelorMittal, that each provided in excess of 10% of this Segment’s revenues under multiple long-term contracts at several mill sites. The loss of any one of these contracts would not have a material adverse impact upon the Company’s financial position or cash flows; however, it could have a material effect on quarterly or annual results of operations. Additionally, these customers have significant accounts receivable balances. Further consolidation in the global steel industry is possible. Should transactions occur involving some of the Company’s larger steel industry customers, it would result in an increase in concentration of credit risk for the Company.

Corporate assets include principally cash, insurance receivables, prepaid taxes and U.S. deferred income taxes. Net Property, Plant and Equipment in the United States represented 22%, 24% and 24% of total net Property, Plant and Equipment as of December 31, 2009, 2008 and 2007, respectively. Net Property, Plant and Equipment in the United Kingdom represented 14%, 15% and 20% of total Net Property, Plant and Equipment as of December 31, 2009, 2008 and 2007, respectively.

Segment Information

(In thousands)	Twelve Months Ended December 31,					
	2009		2008		2007	
	Sales	Operating Income (Loss)	Sales	Operating Income (Loss)	Sales	Operating Income (Loss)
Harsco Infrastructure Segment	\$1,159,200	\$ 68,437	\$1,540,258	\$185,382	\$1,415,873	\$183,752
Harsco Metals Segment	1,084,826	15,927	1,577,720	85,344	1,522,274	134,504
Harsco Rail Segment ^(a)	306,016	56,542	277,595	36,406	232,402	23,050
Segment Totals	2,550,042	140,906	3,395,573	307,132	3,170,549	341,306
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	440,295	82,460	572,009	114,516	517,595	119,141
General Corporate	240	(4,710)	240	(9,660)	16	(2,642)
Total	\$2,990,577	\$218,656	\$3,967,822	\$411,988	\$3,688,160	\$457,805

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Reconciliation of Segment Operating Income to Consolidated Income From Continuing Operations Before Income Taxes and Minority Interest

(In thousands)	Twelve Months Ended December 31,		
	2009	2008	2007
Segment operating income ^(a)	\$140,906	\$307,132	\$341,306
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	82,460	114,516	119,141
General corporate expense	(4,710)	(9,660)	(2,642)
Operating income from continuing operations	218,656	411,988	457,805
Equity in income of unconsolidated entities, net	504	901	1,049
Interest income	2,928	3,608	4,968
Interest expense	(62,746)	(73,160)	(81,383)
Income from continuing operations before income taxes	\$159,342	\$343,337	\$382,439

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Segment Information

(In thousands)	Assets			Depreciation and Amortization		
				Twelve Months Ended December 31,		
	2009	2008	2007	2009	2008	2007
Harsco Infrastructure Segment	\$1,669,401	\$1,607,171	\$1,563,630	\$101,465	\$110,227	\$ 90,477
Harsco Metals Segment	1,372,224	1,338,633	1,585,921	165,099	181,180	167,179
Harsco Rail Segment ^(b)	208,877	207,926	204,278	11,106	12,320	15,206
Segment Totals	3,250,502	3,153,730	3,353,829	277,670	303,727	272,862
All Other Category – Harsco Minerals & Harsco Industrial ^(b)	335,241	357,422	382,904	29,471	30,260	29,292
Corporate	53,497	51,818	168,697	4,390	3,962	3,019
Total	\$3,639,240	\$3,562,970	\$3,905,430	\$311,531	\$337,949	\$305,173

(a) Excludes Depreciation and Amortization for the Gas Technologies Segment in the amounts of \$1.2 million because this Segment was reclassified to Discontinued Operations.

(b) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Capital Expenditures

(In thousands)	Twelve Months Ended December 31,		
	2009	2008	2007
Harsco Infrastructure Segment	\$ 41,530	\$226,559	\$228,130
Harsco Metals Segment	96,423	205,766	193,244
Harsco Rail Segment ^(a)	7,699	5,393	2,162
Gas Technologies Segment	—	—	8,618
Segment Totals	145,652	437,718	432,154
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	9,013	17,632	9,101
Corporate	10,655	2,267	2,328
Total	\$165,320	\$457,617	\$443,583

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Information by Geographic Area ^(a)

(In thousands)	Revenues from Unaffiliated Customers			Net Property, Plant and Equipment		
	Twelve Months Ended December 31,			Twelve Months Ended December 31,		
	2009	2008	2007 ^(b)	2009	2008	2007
United States	\$1,010,076	\$1,260,967	\$1,152,623	\$ 326,952	\$ 361,071	\$ 364,950
United Kingdom	436,039	677,598	746,261	205,681	225,368	312,375
All Other	1,544,462	2,029,257	1,789,276	978,168	896,394	857,889
Totals including Corporate	\$2,990,577	\$3,967,822	\$3,688,160	\$1,510,801	\$1,482,833	\$1,535,214

(a) Revenues are attributed to individual countries based on the location of the facility generating the revenue.

(b) Excludes the sales of the Gas Technologies Segment because the Segment was reclassified to Discontinued Operations.

Information about Products and Services

(In thousands)	Revenues from Unaffiliated Customers		
	Twelve Months Ended December 31,		
	2009	2008	2007 ^(a)
Product Group			
Services and equipment for infrastructure construction and maintenance	\$1,159,200	\$1,540,258	\$1,415,873
On-site services to metal producers	1,084,826	1,577,720	1,522,274
Railway track maintenance services and equipment	306,016	277,595	232,402
Heat exchangers	129,365	174,513	152,493
Minerals and recycling technologies ^(b)	104,028	127,140	123,240
Industrial grating products	92,903	149,168	130,919
Industrial abrasives and roofing granules	68,244	74,118	68,165
Heat transfer products	45,755	47,070	42,778
General Corporate	240	240	16
Consolidated Revenues	\$2,990,577	\$3,967,822	\$3,688,160

(a) Excludes the sales of the Gas Technologies Segment because the Segment was reclassified to Discontinued Operations.

(b) Acquired February 2007.

15 Other (Income) and Expenses

During 2009, 2008 and 2007, the Company recorded pre-tax Other (income) and expenses from continuing operations of \$7.6 million, \$22.0 million and \$3.4 million, respectively. The major components of this income statement category are as follows:

Other (Income) and Expenses			
<i>(In thousands)</i>			
	2009	2008	2007
Net gains	\$ (8,047)	\$(15,923)	\$(5,591)
Impaired asset write-downs	1,494	12,588	903
Employee termination benefit costs	10,931	19,027	6,552
Costs to exit activities	4,297	5,269	1,278
Other (income) expense	(1,114)	989	301
Total	\$ 7,561	\$ 21,950	\$ 3,443

Net Gains

Net gains are recorded from the sales of redundant properties (primarily land, buildings and related equipment) and non-core assets. In 2009, gains related to assets sold principally in the United States, the United Kingdom and Western Europe. In 2008, gains related to assets sold principally in the United States, Australia and the United Kingdom, and in 2007, in the United States.

Net Gains			
<i>(In thousands)</i>			
	2009	2008	2007
Harsco Infrastructure Segment	\$(4,641)	\$(10,399)	\$(2,342)
Harsco Metals Segment	(3,427)	(4,538)	(3)
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	21	(986)	(3,246)
Total	\$(8,047)	\$(15,923)	\$(5,591)

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is not included since there was no activity for this segment.

Cash proceeds associated with these gains are included in Proceeds from the sale of assets in the investing activities section of the Consolidated Statements of Cash Flows.

Impaired Asset Write-downs

Impairment losses are measured as the amount by which the carrying amount of assets exceeded their fair value. Fair value is estimated based upon the expected future realizable cash flows including anticipated

selling prices. Non-cash impaired asset write-downs are included in Other, net in the Consolidated Statements of Cash Flows as adjustments to reconcile net income to net cash provided by operating activities. In 2009, impaired asset write-downs of \$1.5 million were recorded principally in the Harsco Metals Segment in the United Kingdom. In 2008, impaired asset write-downs of \$12.6 million were recorded principally in the Harsco Metals Segment due to contract terminations and costs associated with existing underperforming contracts. Impaired asset write-downs related to assets principally in Australia, the United Kingdom and the United States.

Employee Termination Benefit Costs

Costs and the related liabilities associated with involuntary termination costs associated with one-time benefit arrangements provided as part of an exit or disposal activity are recognized by the Company when a formal plan for reorganization is approved at the appropriate level of management and communicated to the affected employees. Additionally, costs associated with ongoing benefit arrangements, or in certain countries where statutory requirements dictate a minimum required benefit, are recognized when they are probable and estimable.

The total amount of employee termination benefit costs incurred for the years 2009, 2008 and 2007 is presented in the table below. The terminations in 2009 related primarily to actions implemented in Western Europe, North America and South America. The terminations in 2008 related primarily to the fourth quarter 2008 restructuring program and occurred globally, primarily in Western Europe and the United States. The terminations in 2007 occurred principally in Europe and the United States.

Employee Termination Benefit Costs			
<i>(In thousands)</i>			
	2009	2008	2007
Harsco Infrastructure Segment	\$ 2,352	\$ 5,317	\$1,130
Harsco Metals Segment	7,172	11,961	4,935
Harsco Rail Segment ^(a)	246	492	276
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	1,129	1,156	106
Corporate	32	101	105
Total	\$10,931	\$19,027	\$6,552

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is now reported separately.

Costs Associated with Exit or Disposal Activities

Costs associated with exit or disposal activities are recognized as follows:

- Costs to terminate a contract that is not a capital lease are recognized when an entity terminates the contract or when an entity ceases using the right conveyed by the contract. This includes the costs to terminate the contract before the end of its term or the costs that will continue to be incurred under the contract for its remaining term without economic benefit to the entity (e.g., lease run-out costs).
- Other costs associated with exit or disposal activities (e.g., costs to consolidate or close facilities and relocate equipment or employees) are recognized and measured at their fair value in the period in which the liability is incurred.

In 2009, \$4.3 million of exit costs were incurred, principally related to relocation costs for Western Europe, North America and Asia-Pacific. In 2008, \$5.3 million of exit costs were incurred, principally lease run-out costs and relocation costs for Corporate, and the Harsco Infrastructure and Harsco Metals Segments. In 2007, exit costs of \$1.3 million principally related to relocation costs, lease run-out costs and lease termination costs.

Costs Associated with Exit or Disposal Activities

(In thousands)	2009	2008	2007
Harsco Infrastructure Segment	\$1,720	\$1,724	\$ 803
Harsco Metals Segment	2,519	1,092	375
All Other Category – Harsco Minerals & Harsco Industrial ^(a)	58	5	100
Corporate	–	2,448	–
Total	\$4,297	\$5,269	\$1,278

(a) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is not included since there was no activity for this segment.

See Note 17, “2008 Restructuring Program,” for additional information on net gains, impaired asset write-downs, employee termination benefit costs and costs associated with exit and disposal activities.

16 Components of Accumulated Other Comprehensive Income (Loss)

Total Accumulated other comprehensive income (loss) is included in the Consolidated Statements of Stockholders’ Equity. The components of Accumulated other comprehensive income (loss) are as follows:

(In thousands)	December 31	
	2009	2008
Cumulative foreign exchange translation adjustments	\$ 118,097	\$ 21,295
Fair value of effective cash flow hedges	(9,040)	21,001
Pension liability adjustments	(310,686)	(250,536)
Unrealized loss on marketable securities	(55)	(59)
Total Accumulated other comprehensive income (loss)	\$(201,684)	\$(208,299)

17 2008 Restructuring Program

As a result of the deepening financial and economic crisis, the Company initiated a restructuring program in the fourth quarter of 2008. The program was designed to improve organizational efficiency and enhance profitability and shareholder value by generating sustainable operating expense savings. Under this program, the Company principally exited certain underperforming contracts with customers, closed certain facilities and reduced the global workforce. Restructuring costs were incurred primarily in the Harsco Metals and Harsco Infrastructure Segments and recorded in the Other (income) expense line of the Condensed Consolidated Income Statements. In the fourth quarter of 2008, the Company recorded net pre-tax restructuring and other related charges totaling \$36.1 million, including \$28.0 million in Other expense, \$5.8 million reduction in services revenue, a net \$1.5 million related to pension curtailments and \$0.8 million of other costs. Restructuring actions are expected to be completed by March 31, 2010.

At December 31, 2009, the Company has completed workforce reductions of 1,300 employees of a total expected workforce reduction of 1,429 employees related to the fourth quarter 2008 restructuring program. The majority of the remaining workforce reductions and exit activities relate to the Harsco Metals Segment and are targeted for completion during the first quarter of 2010. These restructuring activities were not completed in 2009 due to continued negotiations with labor unions and customers that resulted in changes to estimates of the amount of restructuring costs and the timing of their settlement.

The restructuring accrual at December 31, 2009 and the activity for the year then ended attributable to each segment is as follows:

2008 Restructuring Program

<i>(In thousands)</i>	Accrual December 31, 2008	Adjustments to Previously Recorded Restructuring Charges ^(a)	Cash Expenditures	Remaining Accrual December 31, 2009
Harsco Infrastructure Segment				
Employee termination benefit costs	\$ 1,806	\$ 215	\$ (1,899)	\$ 122
Cost to exit activities	1,963	(1,136)	(827)	—
Total Harsco Infrastructure Segment	3,769	(921)	(2,726)	122
Harsco Metals Segment				
Employee termination benefit costs	9,888	945	(7,516)	3,317
Cost to exit activities	656	(150)	(320)	186
Total Harsco Metals Segment	10,544	795	(7,836)	3,503
All Other Category – Harsco Minerals & Harsco Industrial^(b)				
Employee termination benefit costs	531	215	(746)	—
Total All Other Category – Harsco Minerals & Harsco Industrial	531	215	(746)	—
Corporate				
Employee termination benefit costs	113	—	(113)	—
Cost to exit activities	2,448	(1,171)	(1,277)	—
Total Corporate	2,561	(1,171)	(1,390)	—
Total	\$17,405	\$(1,082)	\$(12,698)	\$3,625

(a) Adjustments to previously recorded cost to exit activities resulted from changes in facts and circumstances in the implementation of these activities.

(b) Segment information for prior periods has been reclassified to conform with the current presentation. The Harsco Rail operating segment, which was previously a component of the All Other Category, is not included since there was no activity for this segment.

The majority of the remaining cash expenditures of \$3.6 million related to the 2008 actions are expected to be paid by March 31, 2010.

18 Subsequent Events

The Company's management has evaluated all activity of the Company through February 23, 2010 (the issue date of the consolidated financial statements) and concluded that subsequent events are properly reflected in the Company's financial statements and notes as required by standards for accounting and disclosure of subsequent events.

Market Risks

Set forth below and elsewhere in this report and in other documents the Company files with the Securities and Exchange Commission are risks and uncertainties that could cause the Company's actual results to materially differ from the results contemplated by the forward-looking statements contained in this report and in other documents the Company files with the Securities and Exchange Commission.

Market risk

In the normal course of business, the Company is routinely subjected to a variety of risks. In addition to the market risk associated with interest rate and currency movements on outstanding debt and non-U.S. dollar-denominated assets and liabilities, other examples of risk include customer concentration in the Harsco Metals and Harsco Rail Segments and certain businesses of the "All Other" Category; collectibility of receivables; volatility of the financial markets and their effect on pension plans; and global economic and political conditions.

The global financial markets experienced extreme disruption in the last half of 2008 and into 2009, including, among other things, severely diminished liquidity and credit availability for many business entities; declines in consumer confidence; negative economic growth; declines in real estate values; increases in unemployment rates; significant volatility in equities; rating agency downgrades and uncertainty about economic stability. Governments across the globe have taken aggressive actions, including economic stimulus programs, intended to address these difficult market conditions. These economic uncertainties affect the Company's businesses in a number of ways, making it difficult to accurately forecast and plan future business activities.

The continuing disruption in the credit markets has severely restricted access to capital for many companies. If credit markets continue to deteriorate, the Company's ability to incur additional indebtedness to fund operations or refinance maturing obligations as they become due may be significantly constrained. The Company is unable to predict the likely duration and severity of the current disruptions in the credit and financial markets and adverse global economic conditions. While these conditions have not impaired the Company's ability to access credit markets and finance operations at this time, if the current uncertain economic conditions continue or further deteriorate, the Company's business and results of operations could be materially and adversely affected.

Exchange rate fluctuations may adversely impact the Company's business

Fluctuations in foreign exchange rates between the U.S. dollar and the over 40 other currencies in which the Company conducts business may adversely impact the Company's operating income and income from continuing operations in any given fiscal period. Approximately 66% and 68% of the Company's sales and approximately 52% and 61% of the

Company's operating income from continuing operations for the years ended December 31, 2009 and 2008, respectively, were derived from operations outside the United States. More specifically, approximately 15% and 17% of the Company's revenues were derived from operations in the United Kingdom during 2009 and 2008, respectively. Additionally, approximately 27% and 26% of the Company's revenues were derived from operations with the euro as their functional currency during 2009 and 2008, respectively. Given the structure of the Company's revenues and expenses, an increase in the value of the U.S. dollar relative to the foreign currencies in which the Company earns its revenues generally has a negative impact on operating income, whereas a decrease in the value of the U.S. dollar tends to have the opposite effect. The Company's principal foreign currency exposures are to the British pound sterling and the euro.

Compared with the corresponding period in 2008, the average values of major currencies changed as follows in relation to the U.S. dollar during 2009, impacting the Company's sales and income:

• British pound sterling	Weakened by 17%
• euro	Weakened by 6%
• South African rand	Relatively constant
• Brazilian real	Weakened by 9%
• Canadian dollar	Weakened by 7%
• Australian dollar	Weakened by 7%
• Polish zloty	Weakened by 30%

Compared with exchange rates at December 31, 2008, the values of major currencies changed as follows as of December 31, 2009:

• British pound sterling	Strengthened by 10%
• euro	Strengthened by 2%
• South African rand	Strengthened by 21%
• Brazilian real	Strengthened by 25%
• Canadian dollar	Strengthened by 14%
• Australian dollar	Strengthened by 21%
• Polish zloty	Strengthened by 3%

The Company's foreign currency exposures increase the risk of income statement, balance sheet and cash flow volatility. If the above currencies change materially in relation to the U.S. dollar, the Company's financial position, results of operations, or cash flows may be materially affected.

To illustrate the effect of foreign currency exchange rate changes in certain key markets of the Company, in 2009, revenues would have been approximately 9% or \$254.7 million less and operating income would have been approximately 14% or \$30.6 million less if the average exchange rates for 2008 were utilized. A similar comparison for 2008 would have decreased revenues approximately 1% or \$30.8 million, while operating income would have been approximately 1% or \$3.3 million less if the average exchange rates for 2008 would have remained the same as 2007.

If the U.S. dollar weakens in relation to the euro and British pound sterling, the Company would generally expect to see a positive effect on future sales and income from continuing operations as a result of foreign currency translation. Currency changes also result in assets and liabilities denominated in local currencies being translated into U.S. dollars at different amounts than at the prior period end. If the U.S. dollar weakens in relation to currencies in countries in which the Company does business, the translated amounts of the related assets and liabilities, and therefore stockholders' equity, would increase. Conversely, if the U.S. dollar strengthens in relation to currencies in countries in which the Company does business, the translated amounts of the related assets, liabilities, and therefore stockholders' equity, would decrease.

Although the Company engages in foreign currency forward exchange contracts and other hedging strategies to mitigate foreign exchange risk, hedging strategies may not be successful or may fail to completely offset the risk. The Company has a Foreign Currency Risk Management Committee that develops and implements strategies to mitigate these risks.

In addition, competitive conditions in the Company's manufacturing businesses may limit the Company's ability to increase product prices in the face of adverse currency movements. Sales of products manufactured in the United States for the domestic and export markets may be affected by the value of the U.S. dollar relative to other currencies. Any long-term strengthening of the U.S. dollar could depress demand for these products and reduce sales and may cause translation gains or losses due to the revaluation of accounts payable, accounts receivable and other asset and liability accounts. Conversely, any long-term weakening of the U.S. dollar could improve demand for these products and increase sales and may cause translation gains or losses due to the revaluation of accounts payable, accounts receivable and other asset and liability accounts.

The Company's defined benefit net periodic pension cost is directly affected by the equity and bond markets, and a downward trend in those markets could adversely impact the Company's future earnings

In addition to the economic issues that directly affect the Company's businesses, changes in the performance of equity and bond markets, particularly in the United Kingdom and the United States, impact actuarial assumptions used in determining annual net periodic pension cost, pension liabilities and the valuation of the assets in the Company's defined benefit pension plans. Further financial market deterioration would most likely have a negative impact on the Company's net periodic pension cost and the accounting for pension assets and liabilities. This

could result in a decrease to Stockholders' Equity and an increase in the Company's statutory funding requirements.

The Company's earnings may be positively or negatively impacted by the amount of income or expense the Company records for defined benefit pension plans. The Company calculates income or expense for the plans using actuarial valuations that reflect assumptions relating to financial market and other economic conditions. The most significant assumptions used to estimate defined benefit pension income or expense for the upcoming year are the discount rate and the expected long-term rate of return on plan assets. If there are significant changes in key economic indicators, these assumptions may materially affect the Company's financial position, results of operations or cash flows. These key economic indicators would also likely affect the amount of cash the Company would contribute to the defined benefit pension plans. For a discussion regarding how the Company's financial statements can be affected by defined benefit pension plan accounting policies, see the Pension Benefits section of the Application of Critical Accounting Policies in "Management's Discussion and Analysis of Financial Condition and Results of Operations."

In response to adverse market conditions during 2002 and 2003, the Company conducted a comprehensive global review of its defined benefit pension plans in order to formulate a strategy to make its long-term pension costs more predictable and affordable. In 2008 and 2009, as a response to worsening economic conditions, the Company implemented design changes for additional defined benefit plans, of which the principal change involved converting future pension benefits for many of the Company's non-union employees in the United Kingdom from a defined benefit plan to a defined contribution plan.

The Company's pension committee continues to evaluate alternative strategies to further reduce overall net periodic pension cost including: conversion of certain remaining defined benefit plans to defined contribution plans; the ongoing evaluation of investment fund managers' performance; the balancing of plan assets and liabilities; the risk assessment of all multi-employer pension plans; the possible merger of certain plans; the consideration of incremental voluntary cash contributions to certain plans; and other changes that are likely to reduce future net periodic pension cost volatility and minimize risk.

In addition to the Company's defined benefit pension plans, the Company also participates in numerous multi-employer pension plans throughout the world. Within the United States, the Pension Protection Act of 2006 may require additional funding for multi-employer plans that could cause the Company to be subject to higher cash contributions in

the future. Additionally, market conditions may affect the funded status of multi-employer plans and consequently any Company withdrawal liability, if applicable. The Company continues to monitor and assess any full and partial withdrawal liability implications associated with these plans.

The Company's cash flows and earnings are subject to changes in interest rates

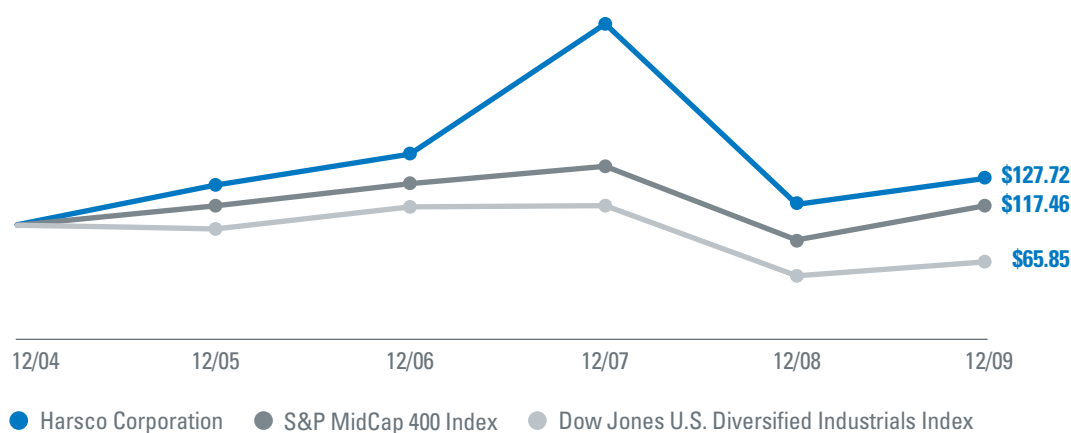
The Company's total debt as of December 31, 2009 was \$1.0 billion. Of this amount, approximately 6.4% had variable rates of interest and 93.6% had fixed rates of interest. The weighted average interest rate of total debt was approximately 5.8%. At current debt levels, a one percentage point increase/decrease in variable interest rates would increase/decrease interest expense by approximately \$0.6 million per year. If the Company is unable to successfully manage its exposure to variable interest rates, its results of operations may be negatively impacted.

Increases in energy prices could increase the Company's operating costs and reduce its profitability

Worldwide political and economic conditions, an imbalance in the supply and demand for oil, extreme weather conditions and armed hostilities in oil-producing regions, among other factors, may result in an increase in the volatility of energy costs, both on a macro basis and for the Company specifically. To the extent that increased energy costs cannot be passed on to customers in the future, the financial condition, results of operations and cash flows of the Company may be adversely affected. To the extent that reduced energy costs are not passed on to customers in the future, this may have a favorable impact on the financial condition, results of operations and cash flows of the Company. The Company has established a Risk Management Committee to manage the risk of increased energy prices that affect the Company's operations.

Comparison of Five-Year Cumulative Total Returns*

Among Harsco Corporation, the S&P MidCap 400 Index and the Dow Jones U.S. Diversified Industrials Index



	12/04	12/05	12/06	12/07	12/08	12/09
Harsco Corporation	100.00	123.75	141.87	242.40	106.70	127.72
S&P MidCap 400 Index	100.00	112.55	124.17	134.08	85.50	117.46
Dow Jones U.S. Diversified Industrials Index	100.00	97.39	106.68	113.87	58.02	65.85

* \$100 invested on 12/31/04 in stock or index, including reinvestment of dividends.
Fiscal year ending December 31.

Board of Directors and Officers

(As of March 10, 2010)

Board of Directors

Salvatore D. Fazzolari
Chairman and Chief Executive Officer
Harsco Corporation
Director since 2002

Geoffrey D. H. Butler
President
Harsco Corporation
Director since 2002

Kathy G. Eddy ^{1C, 3}
CPA and Founding Partner
McDonough, Eddy, Parsons & Baylous, AC
Director since 2004

Stuart E. Graham ^{1, 3}
Retired Chief Executive Officer
Skanska AB
Chairman
Skanska USA
Director since 2009

Terry D. Growcock ^{2, 3}
Retired Chairman
The Manitowoc Company
Director since 2008

Henry W. Knueppel ¹
Chairman and Chief Executive Officer
Regal Beloit Corporation
Director since 2008

D. Howard Pierce ^{2C}
Retired President
and Chief Executive Officer
ABB Inc.
Director since 2001

James I. Scheiner ²
Vice President
Century Engineering
Director since 1995

Andrew J. Sordoni, III ^{1, 3C}
Chairman
Sordoni Construction Services, Inc.
Director since 1988

Dr. Robert C. Wilburn ^{2, 3}
Principal
The Wilburn Group
Director since 1986
Serves as Lead Director

Board Committees

¹ Audit Committee

² Management Development and
Compensation Committee

³ Nominating and Corporate Governance
Committee

^C Indicates Committee Chair

Corporate Officers

Salvatore D. Fazzolari
Chairman and Chief Executive Officer

Geoffrey D. H. Butler
President

Richard C. Neuffer
Sr. Vice President

Mark E. Kimmel
Sr. Vice President, Chief Administrative Officer,
General Counsel and Corporate Secretary

Stephen J. Schnoor
Sr. Vice President and Chief Financial Officer

Scott H. Gerson
Vice President and Chief Information Officer

Michael A. Higgins
Vice President – Audit

Michael H. Kolinsky
Vice President – Taxes

Richard A. Sullivan
Vice President – Business Transformation

Eugene M. Truett
Vice President – Investor Relations and Credit

Richard M. Wagner
Vice President and Controller

Sr. Operations Executives

Geoffrey D. H. Butler
Chief Executive Officer
Harsco Infrastructure

Galdino J. Claro
Chief Executive Officer
Harsco Metals and Harsco Minerals

Richard C. Neuffer
Chief Executive Officer
Harsco Rail and Harsco Industrial

Stockholder Information

Company News

Company information, archived news releases and SEC filings are available free of charge 24 hours a day, seven days a week via Harsco's website at www.harsco.com. Harsco's quarterly earnings conference calls and other significant investor events are posted when they occur.

Securities analysts, portfolio managers, other representatives of institutional investors and other interested parties seeking information about Harsco should contact:

Eugene M. Truett

Vice President – Investor Relations and Credit

Phone: 717.975.5677 Fax: 717.265.8152

Email: etruett@harsco.com

Annual Meeting

April 27, 2010, 10:00 am

Radisson Penn Harris Hotel and Convention Center
Camp Hill, PA 17011

Registrar, Transfer and Dividend Disbursing Agent

BNY Mellon Shareowner Services

P.O. Box 358015

Pittsburgh, PA 15252-8015

Phone: 800.850.3508

www.bnymellon.com/shareowner/isd

BNY Mellon Shareowner Services maintains the records for our registered stockholders and can help you with a variety of stockholder-related services at no charge, including:

- Change of name or address
- Consolidation of accounts
- Duplicate mailings
- Dividend reinvestment enrollment
- Lost stock certificates
- Transfer of stock to another person
- Additional administrative services

You can also access your investor statements online 24 hours a day, seven days a week with MLinkSM. For more information, go to www.bnymellon.com/shareowner/isd.

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP

Philadelphia, PA 19103

Quarterly Share Price and Dividend Information

Harsco Corporation common stock is listed on the New York Stock Exchange (NYSE) under ticker symbol HSC. At year-end 2009, there were 80,353,059 shares outstanding and approximately 19,500 stockholders.

As shown below, during 2009, the Company's common stock traded in a range of \$16.90 to \$37.65 and closed at \$32.23 at year-end. High and low per share data are as quoted on the NYSE. Four quarterly cash dividends were paid in 2009 for an annual rate of \$0.795, an increase of 1.9% from 2008. In 2009, 50.7% of net earnings were paid out in dividends. There are no significant restrictions on the payment of dividends. In November 2009, the Company's Board increased the dividend rate to \$0.205 per share, effective with the next scheduled quarterly dividend payable in early 2010. This action increased the dividend rate by 2.5% to \$0.82 per share on an annualized basis.

		2009	2008
First Quarter	High	\$ 31.65	\$ 64.50
	Low	16.90	46.10
	Dividends Declared	0.200	0.195
Second Quarter	High	32.07	64.75
	Low	21.39	53.75
	Dividends Declared	0.200	0.195
Third Quarter	High	36.33	56.32
	Low	26.69	33.50
	Dividends Declared	0.200	0.195
Fourth Quarter	High	37.65	37.41
	Low	29.38	17.55
	Dividends Declared	0.205	0.195

Management's Certifications

The certifications of our Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act of 2002 have been filed with the Securities and Exchange Commission as exhibits to our Annual Report on Form 10-K.

In addition, in May 2009 our Chief Executive Officer provided to the New York Stock Exchange the annual Section 303A CEO certification regarding our compliance with the New York Stock Exchange's corporate governance listing standards.

HARSCO

Harsco Corporation World Headquarters

350 Poplar Church Road
Camp Hill, PA 17011 USA
Tel: 717.763.7064
www.harsco.com





Putting **Knowledge** to Work

We Help Build the World

HARSCO

2010 Summary Annual Report



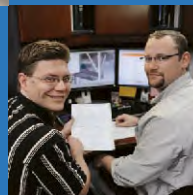
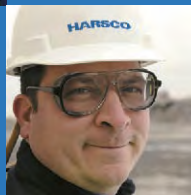
Forward-Looking Statements

The nature of the Company's business and the many countries in which it operates subject it to changing economic, competitive, regulatory and technological conditions, risks and uncertainties. In accordance with the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, the Company provides the following cautionary remarks regarding important factors that, among others, could cause future results to differ materially from the forward-looking statements, expectations and assumptions expressed or implied herein. Forward-looking statements contained herein could include, among other things, statements about our management confidence and strategies for performance; expectations for new and existing products, technologies and opportunities; and expectations regarding growth, sales, cash flows, earnings and Economic Value Added ("EVA®"). These statements can be identified by the use of such terms as "may," "could," "expect," "anticipate," "intend," "believe" or other comparable terms. Accordingly, forward-looking statements should not be relied upon as a prediction of actual results. Please refer to our Annual Report filed on Form 10-K for further discussion.



Harsco is evolving into a new kind of industrial solutions company.

We're building on our strong innovation heritage to develop solutions that address our customers' toughest operating and environmental challenges. We're cultivating new relationships and adopting new technologies to expand our knowledge base, so our employees can deliver a higher level of insight and value. And we're bringing the strengths of OneHarsco to markets around the world, where customers benefit from our shared knowledge and ability to innovate.



This Summary Annual Report is designed to present our 2010 results in a simple, easy-to-read and cost-efficient format. The more detailed financial information and analysis included in previous annual reports is contained in our Form 10-K filing with the Securities and Exchange Commission, which was distributed to shareholders along with this summary report. A copy of our Form 10-K filing may also be obtained from Harsco Investor Relations at the address on the back cover, or it can be viewed and downloaded from our Harsco website at www.harsco.com.

Fellow Shareholders:

As we turn the final page on 2010 and transition into 2011, we are cautiously optimistic that after almost three years of turbulence, the worst of the global economic crisis is behind us. We enter 2011 in excellent financial condition, with a significantly lower cost structure and with the transformation of the Company substantially complete. We are well positioned to resume our growth.

2010 was a year of continuing economic fallout due to the late cycle nature of our Infrastructure business, and as a consequence our 2010 performance fell short of expectations. With the inclusion of a fourth quarter charge of \$84.4 million or \$0.77 per share for realigning the Infrastructure business, income from continuing operations dropped to \$10.9 million, or \$0.13 per diluted share. Our revenues increased slightly to just over \$3.0 billion, an encouraging performance given Infrastructure's steep decline.

We have continued to respond to the external economic challenges with aggressive actions to permanently remove costs from our businesses and lower our break-even points. These initiatives have made us a fitter, healthier company, and the resulting benefits will strengthen our performance for years to come. We added an additional \$85 million in further cost reductions in 2010 to the \$100 million already achieved by our 2008–2009 initiatives, giving us total sustainable cost savings of about \$185 million per year once fully implemented.

We also generated \$209 million in free cash flow in 2010. This is the second-highest total in our history, after the record \$269 million we achieved in 2009. This is an excellent number, particularly given the difficulties we faced, and it speaks to Harsco's exceptional resilience and fiscal health. Among many other benefits, our strong cash flows enabled us to continue our long-standing tradition of predictable and consistent dividend payments to our shareholders.

This past year marked our 71st consecutive year of dividends, going back to 1939.

Harsco Infrastructure continued to struggle as the nonresidential construction market fared far worse than we expected throughout the year. The restructuring that we undertook in the fourth quarter will enable us to right-size this business to current market realities and build a better disciplined and more focused business model for the future. We expect savings from this restructuring of approximately \$43 million in 2011, with full annualized savings of more than \$60 million starting in 2012. Pending the eventual market recovery in this business, we will use 2011 to solidify our base and build the long-term structural improvements that we feel certain will underpin our future success.

The encouraging performance of our three other business platforms suggests that the economic environment may finally be improving in their respective markets. In 2010 Harsco Metals and Harsco Minerals worked side by side as an integrated platform to address the growing customer demand for environmental solutions. Our work for the U.S. Environmental Protection Agency to reclaim an abandoned steel mill site in Alabama won national and local praise for eliminating several million tons of stockpiled slag materials over the next several years at no taxpayer expense. We're positioning these highly synergistic businesses for further growth by expanding into emerging markets and targeting new opportunities for Harsco



Salvatore D. Fazzolari

Chairman, President and Chief Executive Officer

innovation. These include further penetration into non-steel markets as well as compatible adjacent markets that can benefit from our knowledge-based solutions. For 2010, the Harsco Metals & Minerals segment generated operating income of \$118 million, up 172 percent from a year ago, and sales of \$1.5 billion, an increase of 16 percent.


Another year of record performance from Harsco Rail underscores the increasing scale and strength of this business and the efficiencies being gained through our Lean Continuous Improvement culture. The large Class I-level railroads in particular, both domestically and abroad, are responding to Harsco Rail's integrated solutions-based approach, which combines innovative new equipment technologies with strong aftermarket support and expert contract services. In 2010 Harsco Rail set new records of \$313 million in revenues and \$66 million in operating income.

Harsco Industrial worked actively to build its technology and quality leadership, while continuing its investment in Lean processes. Although revenues and operating income declined in 2010, due principally to the downturn in non-residential construction and higher LIFO costs, our outlook for the future of this business remains upbeat. Under a new generation of leadership, we're executing aggressive plans to use the footprint and resources of "OneHarsco" to scale this group's engineered products across the globe, with near-term market targets of South America, Australia, China and the Middle East.

Harsco's Transformation and Renewal

As we reflect on our performance and the transformation of Harsco, particularly over the past three years, I'm reminded of what Henry David Thoreau once said, *"It is not what you look at that matters, it is what you see."* As we emerge from arguably the most adverse business conditions in our Company's modern history, we see good reason for optimism.

Our balance sheet is in the best shape it has been in more than a decade. We have generated approximately \$600 million in free cash flow over the past three years, a 400 percent increase from the \$122 million we realized during the three global economic boom years of 2005–2007. We have reduced our cost structure by a significant \$185 million. We have grown our Emerging Markets/Rest of the World revenues to 25 percent of our total. More and more we are becoming a total solutions company, well beyond a competent provider of basic services and products. Innovation, technology and efficiency are driving our economic engine and increasing the value we provide. We demonstrated the power of our knowledge-based solutions with our announcement in December 2010 of the significant joint venture we currently are formalizing in China with TISCO, the world's largest stainless steel company. With an expected start-up in early 2012, this new project will tap into our expertise for implementing zero waste management technologies that capture the waste stream by-products of our customers and convert them into productive commercial materials that add to a cleaner environment.



We have worked hard on building a best-of-class global leadership team. We passionately believe that the “right” people provide the ultimate competitive advantage. We are committed to our core value of recruiting, developing and retaining the “A-Team.”

We have expanded and rebalanced our international footprint to reduce our dependency on European and North American markets and increase our opportunities in faster-growth developing and emerging markets. Our scalable network now reaches more than 50 countries and will continue to grow. We are well positioned to accelerate our expansion by creating additional joint ventures and alliances with established market partners. By 2015, we expect to generate approximately 35 percent of our total revenues from markets outside of North America and Western Europe, including the all-important emerging and developing markets.

Finally and most important, we have worked hard on building a best-of-class global leadership team. We passionately believe that the “right” people provide the ultimate competitive advantage. We are committed to our core value of recruiting, developing and retaining the “A-Team.” The leaders we have appointed to run each of our four platforms bring renewed vigor and broad global experience to our business. In his first full year leading our Harsco Metals & Minerals segment, Galdino Claro has redefined the way these businesses go to market and has repositioned the group for sustainable and profitable growth as the global metals industry recovers. Ivor Harrington has similarly developed an aggressive turnaround strategy for Harsco Infrastructure that will reduce its cost structure and realign its resources to restore momentum. Scott Jacoby at Harsco Rail and Scott Gerson at Harsco Industrial are

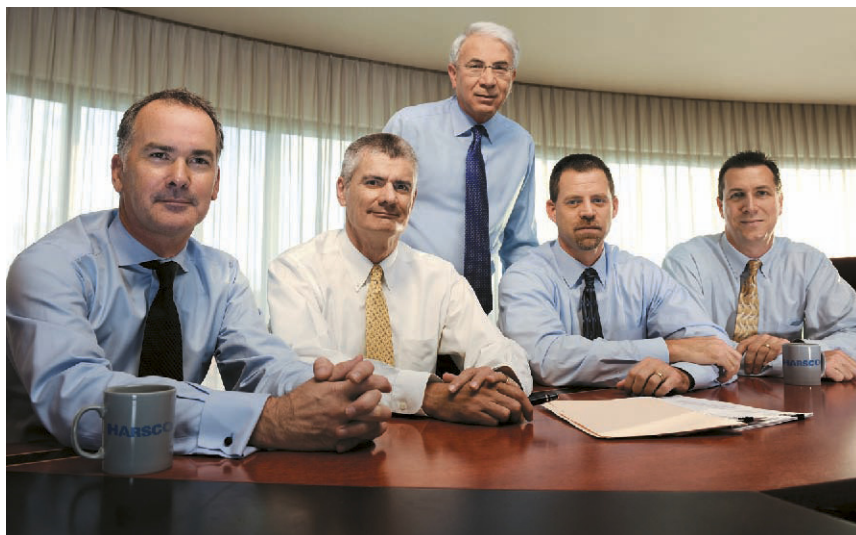
both energetic and highly motivated young leaders who are passionate about their businesses and thrive on creating new opportunities.

2011: A Transition Year

With our critical restructuring and transformation work mainly behind us, we can now look forward with greater confidence to the restoration of growth over the next five years. In several respects, 2011 will be our transition year. Over the course of this year, we will have stabilized the Infrastructure business and put it on a path to increasing profitability. We will enter the start-up phase of key strategic growth investments throughout the world, and we will begin to realize many of the substantial cost reduction benefits that we expect from our Infrastructure realignment. Thus, we look for 2011 to establish the foundation for our return to consistent growth.

Global Collaboration, Standardization and Integration: “OneHarsco”

Going forward, all four Harsco business platforms will benefit from our “connect and collaborate” business model. Becoming “OneHarsco” empowers us to work together more efficiently and maximizes the power of our shared knowledge and resources. This platform also enables us to scale the business more efficiently across the globe and fully leverage our enterprise-wide advantages. One example is our global supply chain initiative, which is starting to deliver more coordinated planning, logistics, scheduling



Harsco Global Senior Operations Team

(left to right)

Ivor J. Harrington

*Executive Vice President and Group CEO
Harsco Infrastructure*

Galdino J. Claro

*Executive Vice President and Group CEO
Harsco Metals and Harsco Minerals*

Salvatore D. Fazzolari

*Chairman, President and Chief Executive Officer
Harsco Corporation*

Scott H. Gerson

*Vice President and Group President
Harsco Industrial*

Scott W. Jacoby

*Vice President and Group President
Harsco Rail*

2010 Report Card

Our Promise	Our Progress
Lower the break-even point of all business platforms	Achieved an additional \$85 million in permanent cost reductions, increasing our three-year total to \$185 million
Deliver \$200 million of free cash flow	Achieved \$209 million of free cash flow
Continue to rebalance the global business footprint with a robust emerging markets strategy	2010 revenues from emerging markets increased to 25%, nearly twice the percentage just three years ago
Improve the business model by investing in technology and innovation	<ul style="list-style-type: none"> • Company-wide implementation of our “Envisioned Future” strategy for becoming a knowledge-based solutions business • New Global Innovation Network for increased collaboration worldwide • Established new office of Chief Technology Officer
Strengthen the balance sheet to provide a solid foundation for future growth	Reduced our debt-to-capital ratio to approximately 38%, the lowest figure since 1998

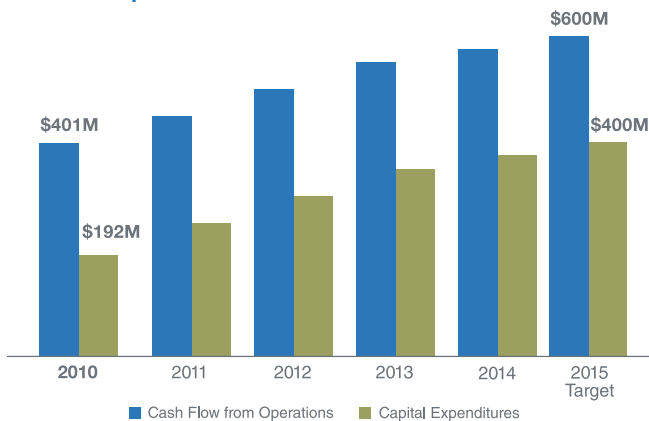
and integration throughout our operations. We will begin to see the financial and operating benefits of this new structure in 2011 and beyond. Another is our focus on significantly improving our sales and marketing discipline. We are developing a highly professional and effective sales and marketing group in each of our major business platforms, particularly Infrastructure and Metals & Minerals. The investment we’re making in this very important part of the organization will enable us to better target and win future business.

We also continue to build and modernize the integrated global computer and engineering systems that are vital to share knowledge and information across our enterprise, and with our customers, suppliers and research partners. These systems underpin our innovation pipeline, and help us deliver more knowledge to help our customers improve their performance.

Corporate Governance

With the recent appointments of David C. Everitt of Deere & Company and James M. Loree of Stanley Black & Decker

Roadmap to 2015—Free Cash Flow



Targeting \$200 million in free cash flow each year

Generate \$1 billion in free cash flow

Potential uses of free cash flow:

- Sizable Joint Venture Capital Expenditures
- Strategic Acquisitions
- Dividends
- Share Repurchases
- Debt Reduction

to the Harsco Board of Directors, we have filled open Board positions with senior executives from leading corporations having strong global brands and a dedicated emphasis on technology and solutions. They also share our strong commitment to the discipline of Economic Value Added (EVA®). We are grateful for the many contributions of Geoffrey D. H. Butler and D. Howard Pierce as they retire from our Board after a combined three decades of distinguished service to the Board and Company. We also thank Richard Neuffer upon his retirement from Harsco for guiding the successful turnaround and growth of our Rail and Industrial businesses.

It is with great sadness that we also say farewell to Jim Scheiner, who passed away in February 2011 at a too-young age of 66. Jim was a caring, dedicated and conscientious person, one of the finest I've ever known. He joined our Harsco Board in 1995, and his passion for the Company was boundless. He will be truly missed.

A New Beginning

As the final page is turned on the highly turbulent period of 2008–2010, the new year brings cautious optimism and new momentum. I am pleased that the restructuring of Harsco Infrastructure is mostly behind us, and we can once again start looking forward. Harsco Rail is expected

to continue its strong performance, and we are examining ways to accelerate its growth. The combination of Harsco Metals and Harsco Minerals is already showing benefits, and we are optimistic that this business will be awarded meaningful projects in 2011. And we are also excited about the global expansion of our Harsco Industrial group, which previously was a North America-focused business. Our “OneHarsco” initiative is coming together, and we expect to see our cost structure and break-even points continue to decline as a result over the next five years, particularly as we move into 2012.

We are proud to say throughout Harsco, “*We help build the world.*” Our expertise in generating knowledge-based solutions positions us for long-term growth in key industries that play a fundamental role in economic progress and global infrastructure development. We eagerly look forward to 2011 and the beginning of a new growth era for Harsco and our shareholders.

Salvatore D. Fazzolari

Chairman, President and Chief Executive Officer

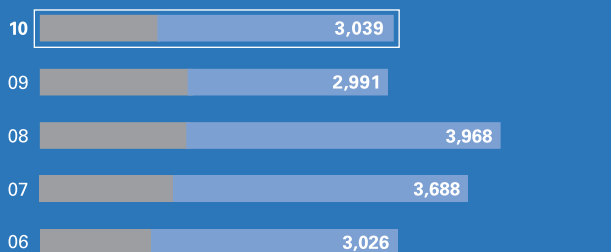
March 10, 2011

Financial Highlights

Dollars in thousands, except per share amounts	2010	2009	2008	2007	2006
Total revenues from continuing operations	\$3,038,678	\$2,990,577	\$3,967,822	\$3,688,160	\$3,025,613
Operating income from continuing operations	78,431	218,656	411,988	457,805	344,309
Income from continuing operations attributable to Harsco Corporation stockholders	10,885	133,838	245,623	255,115	186,402
Current ratio	1.5:1	1.6:1	1.4:1	1.5:1	1.4:1
Return on average capital	2.4 %	7.6 %	10.6 %	11.8 %	10.4 %
Return on average equity	0.7 %	9.1 %	14.6 %	18.9 %	16.4 %
Return on average assets	2.3 %	6.3 %	10.3 %	13.0 %	12.0 %
Debt to total capitalization	37.6 %	39.5 %	41.1 %	40.3 %	47.4 %
Diluted earnings per share from continuing operations	\$ 0.13*	\$ 1.66	\$ 2.92	\$ 3.01	\$ 2.21
Book value per share	18.23	18.79	18.09	18.99	14.01
Cash dividends declared per share	0.820	0.805	0.78	0.7275	0.665
Diluted average shares outstanding (in thousands)	80,761	80,586	84,029	84,724	84,430
Number of employees	19,300	19,600	21,500	21,500	21,500

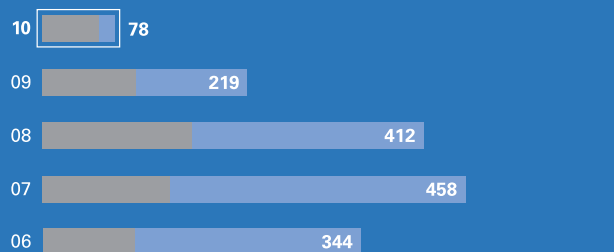
Revenues from Continuing Operations

Dollars in millions



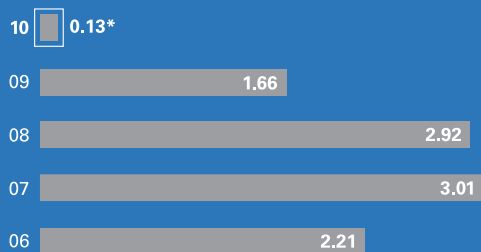
Operating Income from Continuing Operations

Dollars in millions



Diluted Earnings per Share from Continuing Operations

In dollars



Cash Dividends Declared per Share

In dollars



* After fourth quarter restructuring charge of \$0.77 per share



*Area Manager Jerry Holeman and
Site Manager John Schmalzried at
the Nucor-Yamato Steel works, where
Harsco provides onsite mill services.*



The processing and management of industrial waste streams has become a core specialty of Harsco—and a critical need of our customers throughout the world in response to growing environmental demands.

Metals & Minerals

At Harsco Metals and Harsco Minerals, we are redefining our services by applying innovative technologies and best practices across the entire work stream—from managing materials onsite to transforming by-product wastes into profitable and environmentally beneficial products. We're building new momentum to strengthen our financial performance and transform our customer relationships.



There's a new norm in our industries, driven by emerging markets, industry consolidation and changing economics. We're responding with fresh new thinking and a strong execution discipline. Our #1 goal is to grow from being a good service provider to a great solutions partner to our customers.

Through the natural synergies between our Harsco Metals and Harsco Minerals businesses, we are able to offer customers a unique value proposition. Harsco Metals works side by side with metals producers in more than 30 countries and at more than 160 locations. Our 24/7 onsite partnerships give us an in-depth understanding of the challenges our customers face, and powerful insights into the kinds of solutions that will benefit them. In parallel, Harsco Minerals helps industrial customers in the stainless steel and energy sectors manage their waste streams by recovering valuable metals and turning other by-products into a full range of mineral applications. With the complementary strengths of these two businesses, we can provide customers with new, fully integrated solutions that go far beyond the capabilities of our competitors.

In 2010, we worked on many levels to reinvent ourselves and maximize this opportunity. The past three years of economic downturn produced an unprecedented decline in global steel production. At the same time, our markets have been changing, with large-scale consolidation of some of the industry's major producers and a growing shift to emerging market economies. To build the foundation for our future growth, we have been performing clean sheet assessments of our operations to identify and implement new best practices to manage our labor, assets and capital expenditures more efficiently. We're implementing new strategies to turn around underperforming contracts. We're creating additional operating leverage and economic value by applying our existing resources to support additional contract work with our customers. And we are retooling our procurement system to take better advantage of our global scale.

This new foundation significantly strengthened our 2010 financial performance. Now, as customers start to rebuild production and the capacity utilization rates of their mills gradually climb, our improved cost base and substantially

lower break-even points position us very well to further enhance our future performance.

Reinventing ourselves like this also gives us a solid platform for further change. We continue to improve our business model to better leverage our intrinsic knowledge and expertise to develop new solutions for our customers. We've created a



Our Global Innovation Network will bring together the best thinking of leading universities, researchers and even other industries to develop new solutions for our customers. In 2010, we established a new research and development relationship with Beijing's University of Science and Technology, China's most prestigious technical institute for iron and steelmaking technologies. Pictured in the foreground are Regional President Dan Attorre with Professor Yanping Bao, Vice Dean of the School of Metallurgical and Ecological Engineering.

new Chief Technology Office that will help position our Metals and Minerals businesses at the leading edge of innovation for the stainless steel, carbon steel, nonferrous metals and minerals industries. We are creating global centers of excellence where we will work side by side with customers to discover new insights, develop new innovative solutions and deploy



best practices to create value, both for customers and shareholders. Through intelligent networking, we are tapping into the broad expertise of academia, research organizations and the wider scientific community, and we will deploy this acquired knowledge as strategic innovation partners to our customers.

We are already reaping the benefits of our new knowledge-based solutions approach. Late in 2010, we announced the largest joint venture partnership in Harsco history, a 25-year agreement with the world's largest stainless steel company, China's TISCO. As we formalize the detailed agreements and obtain the necessary Chinese government approvals, we are excited to embark on this major collaborative partnership. Together, we will address the processing and metal recovery of TISCO's stainless and carbon steel slag by-products across a wide range of "zero-waste" commercial applications, from mineral recyclables to agricultural and turf fertilizers. The environmental benefits are substantial, as are the potential opportunities for similar partnerships with other major customers.

At a time when our metals and minerals markets continue to face difficult environmental and economic pressures, we are positioning Harsco as the first and only global service provider fully capable of delivering integrated solutions that harness the best available technology and innovation to solve our customers' challenges. Although the market dynamics remain difficult to predict for 2011, we will continue to build deeper and stronger partnerships with our customers, open new markets, drive future value creation and clearly differentiate Harsco from our competition. Whether it is carbon and specialty steel in North America and Europe, aluminum in the Middle East, zinc in Peru, stainless steel in China or ferrochrome in South Africa, our knowledge-based solutions are helping global producers lower their capital expenses and implement sustainable business practices.



Q&A with Galdino J. Claro
Executive Vice President
and Group CEO
Harsco Metals and Harsco Minerals

Q. What value will Harsco deliver by offering customers integrated metals and minerals solutions?

A. Customers seek innovative ways to recycle and reuse by-products so they can lower costs and more effectively manage their waste streams. Harsco is the only full-service provider that brings complementary metals and minerals expertise together to create value across the entire work stream.

Q. How effectively does Harsco's global metals and minerals footprint meet the needs of global customers?

A. Two trends are changing the landscape of the world steelmaking industry. Industry consolidation is creating larger companies that need proven solutions for managing the waste streams of all their operations. And the industry footprint is shifting toward developing countries that offer better capital and labor dynamics. Harsco has the scale and reach to deliver integrated solutions wherever our customers operate.

Q. What knowledge and expertise can customers count on from Harsco to help them reach their key performance goals?

A. Our new 3D Innovation™ model will give us powerful capabilities to discover customer challenges, develop leading solutions and deploy best operating practices. It brings together the very best insight and experience in full collaboration with our customers, and enables us to recover and recycle more materials and transform them into environmentally beneficial products.

Q. What opportunities does Harsco have to expand its metals services beyond the steel industry?

A. In recent years we've reached out to producers of aluminum, zinc, ferrochrome and copper with targeted solutions that help them manage their material flow and remediate their waste streams. Our innovation network will help expand our horizon for new opportunities and new markets. In addition, we work with energy producers to transform ash from power generation into high-quality mineral abrasives and granules. The products we engineer also take us beyond the steel industry with applications in road construction, commercial construction, turf and agriculture.



*Left to right in foreground,
Doug Greene, Omar Gurrola,
Lourdes Romero, Tina Sprenkle
and Sadim Garnett, at the
new Las Vegas Super Center.*



Our new Super Centers feature a world-class warehouse management system that will serve customers faster, better and more efficiently.

Infrastructure

After enduring one of the most challenging years ever in the global construction sector, we enter 2011 fitter, more focused and better integrated, and with a solid plan to restore our growth momentum. Under OneHarsco, we're prepared to deliver more value to our customers than ever before, and to take our expertise to virtually every corner of the world.



From a hydroelectric plant in Laos, to a flood control system in Venice, to concrete forming of an airport control tower in California, we're using our knowledge and capabilities to deliver differentiated value at some of the world's most complex and visible project sites.

In most normal times, just about every country is building something, and Harsco Infrastructure has the proven expertise and global footprint to support them. We serve large, complex projects wherever global contractors do business. This past year, however, was anything but normal. We continued to face uncertainty and volatility in virtually all of our core markets.

Our commercial and nonresidential construction clients in particular struggled to obtain capital, and consequently deferred or stopped many of their major projects. Pricing pressures on the limited remaining work grew even more intense. These widespread conditions helped make 2010 an incredibly tough and disappointing year—the weakest yet in the extended down cycle for major construction projects.

This deep trough required urgent action, and also some painful medicine. We have taken deep cuts in our branch structure and staffing in order to bring our business into better alignment with market conditions. We've introduced new leadership and re-tooled our market strategies. This includes sharpening our geographical focus, better managing our equipment, and implementing a new, segment-focused sales process aimed at emphasizing our technical differentiation. As we enter 2011, we expect this new business strategy to stabilize performance and return Harsco Infrastructure to profitable growth in 2012 and beyond.

Going forward, we will increase our focus on larger infrastructure and industrial-sector construction projects where we are able to apply our global footprint, technical expertise

and asset base to deliver improved performance. We're also expanding our support to recurring industrial plant maintenance programs, where we serve as a multi-disciplined provider of industrial insulation services, site services and scaffolding to major petrochemical, energy and manufacturing clients. In 2010, we secured additional work with existing power plant



customers in North America, and with petrochemical customers throughout the United Kingdom and in Europe, most notably Shell and SABIC, two of the world's largest in this sector. Additionally, we signed new service contracts to support customers in the Middle East, and we are pursuing opportunities in China, India, Australia and Latin America.

Our 2010 restructuring will help us better optimize our global footprint so we can respond more flexibly and cost-effectively to customer and market opportunities. We are consolidating our branch and office system so we can serve clients through larger facilities that are strategically positioned and fully equipped to support larger-scale projects and customers.

Our new Super Center in Las Vegas, Nevada, demonstrates the power of this new approach. We combined five existing facilities into a world-class logistics center that manages comprehensive rental equipment resources for scaffolding, shoring and forming to support local sales, engineering and customer service resources throughout the entire southwest U.S. region.

On a parallel path, we are realigning our product assets so we can deliver the right products, to the right places, with the



right designs and installation support to serve customers in different regions and locations. This will include remote areas that are hard to reach, but where we feel we can offer tremendous advantages because of our size and scope. Our markets are worldwide and we have a substantial amount of capability that we can put to work. Now that we are operating as a single business under OneHarsco, our team can draw on the vast knowledge that exists across our organization and apply it to opportunities wherever our customers take us.

Our new global footprint and asset base also require a more effective sales orientation that takes full advantage of both our market insights and the strengths of OneHarsco. We have made new technology investments in sales management tools that give us greater visibility into our prospect pipeline. We've brought in sales leaders who have established new business development parameters and disciplines, and have made each sales associate accountable for building backlog and enhancing customer engagements.

One operating practice that will not change is our total commitment to employee and customer safety, and we intend to further reinforce this area as well. In 2010, SABIC, one of the world's leading petrochemical and industrial companies, awarded us their prestigious Safety, Health and Environment Award for Global Contractors for our safety performance at the Geleen petrochemicals plant in The Netherlands. The award honors more than three years of work at this site without any EU-OSHA violations.

In 2011, we expect to begin seeing the benefits of repositioning our platform, capabilities and resources. We will pursue customer and market opportunities as a re-energized and refocused business that delivers more integrated, knowledge-based solutions and unrivalled total value.



Q&A with Ivor J. Harrington
Executive Vice President
and Group CEO
Harsco Infrastructure

Q. What is your strategy for returning Harsco Infrastructure to greatness?

A. *In this economy, we're working relentlessly to reduce operating costs without removing capability. We're reengineering key processes such as sales and inventory management. We're also building a more efficient global footprint and branch structure. We're looking to grow new partnerships in markets around the world that expand our technical capabilities without increasing our overhead costs. These moves will position us to take full advantage of our technical strengths and seize new opportunities that align with our global capabilities.*

Q. How does Harsco Infrastructure help customers address their economic challenges?

A. *We help customers operate more efficiently with lower operating and capital costs by providing innovative ways to shorten and improve new construction or regular plant maintenance schedules. For example, the complex formwork installations we design for bridges can actually require less shoring, and therefore use less equipment. On our industrial sites, we are applying technology solutions such as our proprietary scaffold tracking software to operate with greater efficiency at a time when customers are reducing maintenance budgets.*

Q. What differentiates Harsco in the knowledge and expertise it brings to large infrastructure projects?

A. *Our customers recognize our technical skills and global reach; they also look to us for our experience in managing the costs and risks associated with large and complex projects. Design is critical to each project's success. So is our ability to provide the labor required to erect these solutions, to certify them for safety, and then to manage them so they're completed on time and on budget.*

Q. What processes does Harsco Infrastructure rely on to create safe job sites?

A. *Safety is a pillar of the Harsco culture. But maintaining safe workplaces and safe practices requires unrelenting effort. We conduct regular safety reviews and inspections, and we run one of the industry's most comprehensive programs for safety training. I intend to heighten our safety focus even further because our performance simply needs to be better.*





*Customer Process Engineer
Shane Thomason with Harsco
Rail Sr. Sales Representative
Buster Johnson, along the
railway mainline.*



Harsco Rail's automated drone tamper to the left and TRT-909 track renewal system above are just two of the technology innovations Harsco has introduced to remain at the forefront of railway track maintenance.

Rail

Harsco's proprietary technology and expanding geographic footprint keep railroads operating at peak efficiency. We create value by delivering innovative solutions using a powerful blend of game-changing new products, reliable aftermarket support and expert contract services. In 2010 these capabilities helped Harsco Rail deliver another year of record results.



Our evolution has taken us from being a primary equipment provider to a true knowledge-based partner. We're working closely with leading rail customers around the world to create new solutions that anticipate their future needs.

We offer integrated programs that begin with some of the industry's most efficient and dependable rail maintenance equipment. Our global aftermarket services deliver the critical spare parts that keep these machines running reliably throughout their lifecycle. And more and more, we're seeing customers turn to our expert contract services to assume direct responsibility for track maintenance and new track construction.

All three areas—equipment, parts and services—contributed to our record performance in 2010. Even as some railroads continued to hold the line on their investments in new rolling stock and infrastructure, we continued to expand our share of the new track maintenance equipment market as customers embrace our innovative new products. We have evolved from



our legacy as a manufacturer and support provider that largely designed and built equipment to order. Today, as a knowledge-based organization, we are working closely with leading rail customers around the world

to gather their input and create new solutions that anticipate their future needs. As examples, the unmanned drone tamper we've developed in North America responds directly to specific customer objectives. It accomplishes the work of a traditional ballast tamping machine while also saving on fuel and manpower. In 2010, we sold nine additional units, and we are now working to apply similar technology to other pieces of equipment. We are also developing a new Automated Switch Inspection Vehicle—a total track solution that helps customers inspect, analyze, plan, schedule and replace switches. To support our innovation pipeline, we plan to more than double our Research and Development budget in 2011.

We are also growing our Aftermarket Parts and Contract Services businesses. These give us a stable and recurring revenue base throughout the equipment lifecycle, and we believe revenues from both these areas will continue to increase as we develop new strategies to serve our expanding global customer base. Together we expect Parts and Services to account for more than 40 percent of our 2011 revenues.

Much of our success reflects our culture of Lean Continuous Improvement, which is driven directly by our employees. Over the last two years, our nine fully trained Continuous Improvement process leaders initiated over 75 Kaizen events that have spanned



our entire organization, from manufacturing to quality, engineering and accounting. More than half of our domestic employees have participated in at least one Continuous Improvement program, and together we have reduced our manufacturing costs and improved our capacity to respond to multiple orders with shorter lead times.

Technology has also contributed to our growth, and we continue to introduce leading-edge tools into the solutions environment. Our engineers are using the latest 3-D design tools to drive innovation and significantly accelerate our ability to turn concepts into real hardware that our customers can put to work. We also continue to increase our capacity to provide customers with fully integrated, turnkey technical solutions that solve their most difficult track-related issues.



Harsco employees John Glenn III and Juan Medrano stand

with the commemorative "gold tie," marking 500,000 new crossties installed accident-free in a single work season. The work included the high-speed rail corridor between St. Louis and Chicago.



Using our success in North America as a platform, we are also creating new growth opportunities by diversifying our geographic and product



footprint. In China, we continue to add to our presence by securing additional orders with metro transit systems. In Brazil, the rail infrastructure is expanding to support steady GDP growth. Harsco's existing Brazilian footprint gives us a well-established platform to deliver our integrated solutions. We're excited also by the potential opportunities for railway expansion and modernization in the Middle East. In all these locations, we are gaining ground by working hand in hand with railway and rapid transit system operators, engineers and maintenance teams to address their needs. We're listening and we're responding—better than ever before.



Q&A with Scott W. Jacoby
Vice President and Group President
Harsco Rail

Q. How will customers benefit as Harsco Rail continues to evolve from an equipment manufacturer to a solutions provider?

A. Global rail customers can now tap our expertise to improve virtually every facet of their track operations. We're applying our innovation and experience to develop new products that create competitive advantage and lower the costs of railway maintenance. Our aftermarket parts keep equipment operating and improve long-term returns on investment. Customers who use our outsourced track maintenance services benefit from our comprehensive approach to total track maintenance equipment operation and fleet maintenance, which allows them to concentrate on what they do best—moving freight and people.

Q. How is Harsco Rail positioned to help drive the expansion of the global rail industry?

A. Railway systems are expanding almost everywhere, from North America to India, China, Brazil and the Middle East. We're building our expertise in all these markets. In the past two years alone, we've established physical offices and onsite personnel in several of these markets. The new relationships we are building today create long-term opportunities for our support of customers' operations.

Q. How important has the multi-year production order in China been to Harsco Rail's growth?

A. We will continue to build and deliver on this order throughout 2011 and into 2012. Having it on the books has enabled us to improve our engineering, purchasing and manufacturing processes and become a leaner and more efficient organization. At the same time, it has given us the opportunity to reach out and expand our global base with other customers. As such, I'd say it has underpinned the growth of our business across the board.

Q. What impact is Harsco Rail's culture of Continuous Improvement having on operations?

A. Continuous Improvement has changed the way we do business. It's not a special initiative—it's the way we operate. It has allowed us to grow more profitably. It has helped us improve cycle times and plan our key strategic goals through policy deployment. Our experience puts us in a better position to provide efficient knowledge-based solutions to our customers.



Left to right, Arturo Laguna, QC Inspector; Stephanie Bargas, Applications Engineer; and 50-year employee Bic Bickford, Technical Product Advisor, at the Harsco Industrial Air-X-Changers plant.



Future markets for our air-cooled heat exchangers include anywhere in the world there are large reserves of natural gas to be compressed or transported.

Industrial

Harsco's engineered products help our customers meet the growing demand for natural gas, address the grating requirements of infrastructure projects and reduce energy costs for commercial and institutional buildings. Under the OneHarsco umbrella, we are tapping the worldwide Harsco footprint to expand our base of operations and deploy new strategies designed to accelerate our growth.



Our goal is to continually reinvent ourselves with innovative, knowledge-based solutions that stay ahead of our competition and serve an ever-expanding global customer base.



Harsco Industrial is evolving from a primarily domestic U.S. manufacturer of engineered industrial products to a global enterprise that can support customers around the world. Each of our three Harsco Industrial businesses is expanding its footprint by using Harsco's existing in-country

resources and experience to create new business opportunities and alliances.

In 2010 the Harsco Industrial Air-X-Changers business set the groundwork for an expected 2011 joint venture in Australia, a region with plentiful shale-based natural gas reserves. With global rig counts on the rise, our made-to-order products help natural gas producers increase their up-time and efficiency while realizing important environmental and economic benefits. We are sharing knowledge and cultivating skills to ensure that our highly engineered products are built locally with the consistently high level of quality our customers expect. Our strategy for establishing local joint venture partnerships



helps limit the amount of Harsco capital required to support our expansion, and enables us to enter new markets more rapidly.

The Harsco Industrial IKG grating business is pursuing a similar joint venture strategy with encourag-

ing prospects in both Brazil and China. In Brazil, the 2014 World Cup and 2016 Olympic Games are expected to add to an already strong climate for infrastructure revitalization and expansion that also applies to other parts of Latin America. Our rugged industrial grating products provide the durable open-grid walkways and flooring used extensively in high-traffic public spaces, manufacturing plants and other industrial sites such as offshore oil and gas platforms. In China, our joint venture prospects will enable us to respond more quickly and competitively to China's significant infrastructure investment while also producing materials that can be exported throughout the region.

Our Harsco Industrial Patterson-Kelley commercial water heating and boiler systems are reinforcing our long-held position as the technology of choice to help large institutions and commercial building properties lower their energy costs and operate with smaller equipment footprints. To maintain our product leadership, we are building a new innovation methodology that



combines voice-of-the-customer input with Design for LeanSigma quality and efficiency. By 2015, we expect this methodology to help us generate a sizable component of our revenues from products developed and brought to market within 18 months or less.



This initiative is an extension of the sharp focus on Lean manufacturing and knowledge-based solutions we apply across all our Industrial businesses. In three years, Lean processes have already produced more than \$1 million in bottom-line savings. We are training certified practitioners within all our businesses and sharing this knowledge with our joint venture partners and key suppliers to introduce the same practices.



We have also become a more valued partner to our customers and distributors, where we are applying our engineering and IT expertise to help them reduce costs, automate and integrate processes and gain market share.

These relationships position us to continue to leapfrog

our competition and grow with our customers for years to come.

In 2011 our expectations for the Harsco Industrial group include incremental growth in free cash flow and improved EVA performance. We will use our global footprint to pursue aggressive growth in Latin America, Australia, China and the Middle East. By 2015, we look to produce 30 percent of Harsco Industrial's revenues from markets outside the United States.



Q&A with Scott H. Gerson
Vice President and Group President
Harsco Industrial

Q. How does Harsco Industrial help the Company create value?

A. *The global markets we serve—natural gas, industrial construction and large commercial institutions—are all fundamental to the world's economic growth and progress. We've been successful in generating significant free cash flow for our shareholders. We also have a long history of delivering the consistent EVA growth shareholders expect, while at the same time placing a relatively low demand on the Company's capital.*

Q. How will OneHarsco contribute to Harsco Industrial's global growth strategy?

A. *Harsco's global network gives us direct access to Company resources, facilities and expertise in more than 50 countries. As a result, we can follow our customers anywhere in the world they need us and serve them through local facilities and regional support centers. We also can share customer knowledge and contacts with other Harsco businesses to identify new sales opportunities. Harsco has tremendous strength overall that we're just starting to access.*

Q. What knowledge-based solutions can Harsco Industrial provide its global customers and distributors?

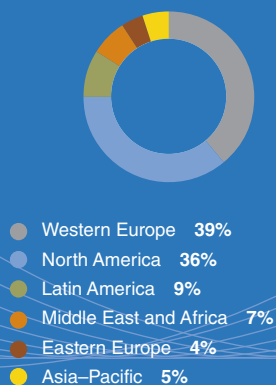
A. *As early adopters of Lean processes, we've developed the experience and resources across our organization to streamline processes and eliminate waste. We've also developed significant expertise in engineering and IT infrastructure that we're able to share with our global partners to build competitive edge and gain market share.*

Q. As the new leader for the Harsco Industrial group, what strikes you most about these businesses?

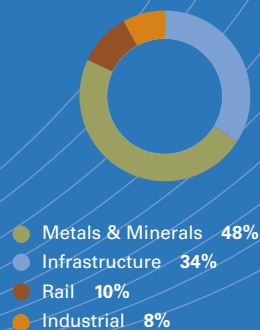
A. *The quality of our people and our products speaks for itself. What I've been most surprised and excited to discover is the untapped global potential of these businesses. I'm looking onward to what's ahead for us, and I know my people are, too.*

Harsco At a Glance

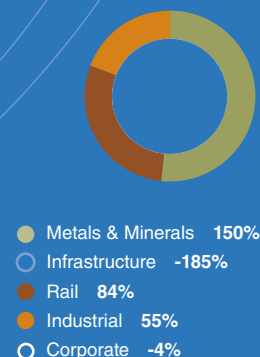
Global Revenue Sources



2010 Revenues



2010 Operating Income



We operate in more than 50 countries and employ approximately 19,000 people.

Operating Companies

Description

Major Services & Products

HARSCO METALS

- The world's largest provider of 24/7 onsite environmental and logistics solutions to the global metals industry; operations at over 160 sites in more than 30 countries

- Proprietary technologies and services for minimizing the environmental impacts of waste streams from metals production

HARSCO MINERALS

- Industry pioneer in transforming steel and energy industry by-products into commercially viable applications

- 24/7 onsite services for the recovery and handling of metal production metallics and by-products
- Mineral products for a range of commercial applications including industrial abrasives, roofing granules, and agricultural and turf soil conditioners

HARSCO INFRASTRUCTURE

- One of the world's largest and most complete providers of engineered access and forming systems for major construction and industrial maintenance projects
- Balanced global footprint and comprehensive range of equipment and services to serve customers in every location they operate

- The industry's broadest portfolio of rental equipment and installation solutions and related engineering expertise for scaffolding, shoring and concrete forming systems
- Access services and equipment for industrial plant maintenance
- Award-winning emphasis on safety

HARSCO RAIL

- A global leader in providing equipment and service solutions for the maintenance and construction of railway track
- Increasing customer-focused technology and new-product development pipeline

- Comprehensive equipment, parts and contract services for railway track maintenance and new track construction, including rail grinding, track renewal and reconditioning, and track stabilization

HARSCO INDUSTRIAL

- Engineered products for industries that are fundamental to world economic growth and progress
- Strong free cash flow and EVA® generation

- Air-cooled heat exchangers for natural gas compression and pipeline distribution
- Steel grating for industrial and commercial flooring and safety walkways
- Ultra-efficient heat transfer systems for heating and hot water service in large commercial and institutional buildings

Total Revenues

\$3.0 billion ▲ 2%

Operating Income

\$78 million ▼ 64%

Operating Margin

2.60% ▼ 470 bps

Diluted Earnings per Share

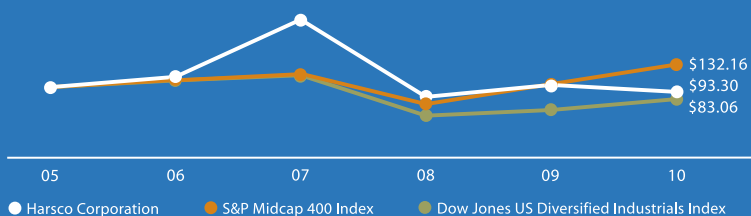
\$0.13 ▼ 92%

Declared Dividends per Share

\$0.820 ▲ 2%

Comparison of Five-Year Cumulative Total Returns*

Among Harsco Corporation, the S&P Midcap 400 Index and the Dow Jones Diversified Industrials Index



	12/05	12/06	12/07	12/08	12/09	12/10
Harsco Corporation	\$100.00	114.65	195.88	86.22	103.21	93.30
S&P Midcap 400	100.00	110.32	119.12	75.96	104.36	132.16
Dow Jones US Diversified Industrials	100.00	109.54	116.92	59.57	67.61	83.06

* \$100 invested on 12/31/05 in stock or index, including reinvestment of dividends.
Fiscal year ending December 31.

Markets

- Global and regional producers of carbon steel, stainless steel, aluminum, zinc and copper
- Commercial and industrial users of mineral products including the agriculture, turf, and construction and restoration industries

- Serves the worldwide industrial maintenance, infrastructure construction and commercial and multi-family construction sectors
- Increasing focus on larger, more complex projects in the global infrastructure and industrial sectors

- Major domestic and international railways, short lines and high-speed metro transit systems
- Expanding footprint includes significant emphasis in emerging markets, including China, Brazil, India and the Middle East and Africa

- Natural gas processors, industrial plant and safety engineers, and boiler and water heater equipment operators and distributors
- Significant growth potential through leveraging of "OneHarsco"

2010 Highlights

- Repositioned the Metals and Minerals businesses as a co-integrated solutions provider for customers
- Exceeded sales goal for the year
- Significantly lowered the cost base and break-even point of the business
- Strengthened the leadership team
- Healthy project pipeline; well-positioned for market upturn



- Implemented broad-based restructuring to right-size and align the business for new market conditions
- New leadership and strategies in place
- Implemented significant cost reductions and permanently reduced break-even point to restore competitive advantage



- Posted record performance and growing global market penetration
- Ongoing implementation of Lean Continuous Improvement initiatives to enhance efficiency and responsiveness



- Strong EVA® value generation
- Successful expansion of the heat exchangers business into Australia
- Received one of our largest-ever single orders for heat transfer products



Management's Report on Internal Control Over Financial Reporting

Management of Harsco Corporation, together with its consolidated subsidiaries (the Company), is responsible for establishing and maintaining adequate internal control over financial reporting. The Company's internal control over financial reporting is a process designed under the supervision of the Company's principal executive and principal financial officers to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the Company's financial statements for external reporting purposes in accordance with U.S. generally accepted accounting principles.

The Company's internal control over financial reporting includes policies and procedures that:

- Pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets of the Company;
- Provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and the directors of the Company; and
- Provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the Company's financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections

of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies and procedures may deteriorate.

Management has assessed the effectiveness of its internal control over financial reporting at December 31, 2010 based on the framework established in *Internal Control — Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this assessment, management has determined that the Company's internal control over financial reporting is effective at December 31, 2010.



Salvatore D. Fazzolari
Chairman, President and Chief Executive Officer
February 24, 2011



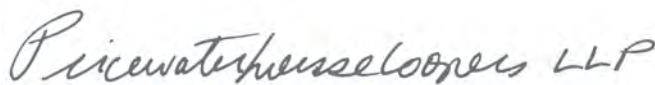
Stephen J. Schnoor
Senior Vice President, Chief Financial Officer and Treasurer
February 24, 2011

Report of Independent Registered Public Accounting Firm

To The Stockholders of Harsco Corporation:

We have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Harsco Corporation and its subsidiaries as of December 31, 2010 and 2009 and the related consolidated statements of income, changes in equity, cash flows and comprehensive income for each of the three years in the period ended December 31, 2010 (not presented herein) appearing in Harsco's annual report on Form 10-K for the year ended December 31, 2010; and in our report dated February 24, 2011, we expressed an unqualified opinion on those consolidated financial statements.

In our opinion, the information set forth in the accompanying condensed consolidated financial statements is fairly stated, in all material respects, in relation to the consolidated financial statements from which it has been derived.



PricewaterhouseCoopers LLP
February 24, 2011

Condensed Consolidated Balance Sheets

(In thousands, except share amounts)		December 31, 2010	December 31, 2009
ASSETS			
Current assets:			
Cash and cash equivalents	\$ 124,238	\$ 94,184	
Trade accounts receivable, net	585,301	598,318	
Other receivables	29,299	30,865	
Inventories	271,617	291,174	
Other current assets	144,491	154,797	
Total current assets	1,154,946	1,169,338	
Property, plant and equipment, net	1,366,973	1,510,801	
Goodwill	690,787	699,041	
Intangible assets, net	120,959	150,746	
Other assets	135,555	109,314	
Total assets	\$3,469,220	\$3,639,240	
LIABILITIES			
Current liabilities:			
Short-term borrowings	\$ 31,197	\$ 57,380	
Current maturities of long-term debt	4,011	25,813	
Accounts payable	261,509	215,504	
Accrued compensation	83,928	67,652	
Income taxes payable	9,718	5,931	
Dividends payable	16,505	16,473	
Insurance liabilities	25,844	25,533	
Advances on contracts	128,794	149,413	
Other current liabilities	206,358	187,403	
Total current liabilities	767,864	751,102	
Long-term debt	849,724	901,734	
Deferred income taxes	35,642	90,993	
Insurance liabilities	62,202	61,660	
Retirement plan liabilities	223,777	250,075	
Other liabilities	61,866	73,842	
Total liabilities	2,001,075	2,129,406	
COMMITMENTS AND CONTINGENCIES			
HARSCO CORPORATION STOCKHOLDERS' EQUITY			
Preferred stock, Series A junior participating cumulative preferred stock	—	—	
Common stock, par value \$1.25, issued 111,611,102 and 111,387,185 shares at December 31, 2010 and 2009, respectively	139,514	139,234	
Additional paid-in capital	141,298	137,746	
Accumulated other comprehensive loss	(185,932)	(201,684)	
Retained earnings	2,073,920	2,133,297	
Treasury stock, at cost (31,097,043 and 31,034,126 shares at December 31, 2010 and 2009, respectively)	(737,106)	(735,016)	
Total Harsco Corporation stockholders' equity	1,431,694	1,473,577	
Noncontrolling interests	36,451	36,257	
Total equity	1,468,145	1,509,834	
Total liabilities and equity	\$3,469,220	\$3,639,240	

The complete financial statements for Harsco Corporation as of December 31, 2010 may be found in the Company's Form 10-K for the year ended December 31, 2010, as filed with the Securities and Exchange Commission on February 24, 2011.

Condensed Consolidated Statements of Income

(In thousands, except per share amounts)

Years ended December 31

	2010	2009	2008
Revenues from continuing operations:			
Service revenues	\$2,511,505	\$2,442,198	\$3,340,456
Product revenues	527,173	548,379	627,366
Total revenues	3,038,678	2,990,577	3,967,822
Costs and expenses from continuing operations:			
Cost of services sold	1,994,637	1,897,408	2,484,975
Cost of products sold	342,242	354,730	441,445
Selling, general and administrative expenses	532,624	509,071	602,169
Research and development expenses	4,271	3,151	5,295
Other expenses	86,473	7,561	21,950
Total costs and expenses	2,960,247	2,771,921	3,555,834
Operating income from continuing operations	78,431	218,656	411,988
Interest income	2,668	2,928	3,608
Interest expense	(60,623)	(62,746)	(73,160)
Income from continuing operations before income taxes and equity income	20,476	158,838	342,436
Income tax expense	(4,276)	(18,509)	(91,820)
Equity in income of unconsolidated entities, net	390	504	901
Income from continuing operations	16,590	140,833	251,517
Discontinued operations:			
Loss on disposal of discontinued business	(7,249)	(21,907)	(1,747)
Income tax benefit (expense) related to discontinued business	3,118	6,846	(2,931)
Loss from discontinued operations	(4,131)	(15,061)	(4,678)
Net income	12,459	125,772	246,839
Less: Net income attributable to noncontrolling interests	(5,705)	(6,995)	(5,894)
Net income attributable to Harsco Corporation	\$ 6,754	\$ 118,777	\$ 240,945
Amounts attributable to Harsco Corporation common stockholders:			
Income from continuing operations, net of tax	\$ 10,885	\$ 133,838	\$ 245,623
Loss from discontinued operations, net of tax	(4,131)	(15,061)	(4,678)
Net income attributable to Harsco Corporation common stockholders	\$ 6,754	\$ 118,777	\$ 240,945
Weighted-average shares of common stock outstanding	80,569	80,295	83,599
Basic earnings (loss) per common share attributable to Harsco Corporation common stockholders:			
Continuing operations	\$ 0.14	\$ 1.67	\$ 2.94
Discontinued operations	(0.05)	(0.19)	(0.06)
Basic earnings per share attributable to Harsco Corporation common stockholders	\$ 0.08^(a)	\$ 1.48	\$ 2.88
Diluted weighted-average shares of common stock outstanding	80,761	80,586	84,029
Diluted earnings (loss) per common share attributable to Harsco Corporation common stockholders:			
Continuing operations	\$ 0.13	\$ 1.66	\$ 2.92
Discontinued operations	(0.05)	(0.19)	(0.06)
Diluted earnings per share attributable to Harsco Corporation common stockholders	\$ 0.08	\$ 1.47	\$ 2.87^(a)

(a) Does not total due to rounding.

The complete financial statements for Harsco Corporation as of December 31, 2010 may be found in the Company's Form 10-K for the year ended December 31, 2010, as filed with the Securities and Exchange Commission on February 24, 2011.

Condensed Consolidated Statements of Cash Flows

(In thousands)

Years ended December 31

	2010	2009	2008
Cash flows from operating activities:			
Net income	\$ 12,459	\$ 125,772	\$ 246,839
Adjustments to reconcile net income to net cash provided (used) by operating activities:			
Depreciation	279,234	282,976	307,847
Amortization	36,005	28,555	30,102
Equity in income of unconsolidated entities, net	(390)	(504)	(901)
Dividends or distributions from unconsolidated entities	176	410	484
Loss on disposal of discontinued business	7,249	21,907	1,747
Harsco Infrastructure Segment restructuring plan	72,975	—	—
Other, net	(20,629)	(15,762)	61,244
Changes in assets and liabilities, net of acquisitions and dispositions of businesses:			
Accounts receivable	4,395	111,207	34,198
Inventories	12,599	35,798	(24,238)
Accounts payable	36,529	(54,701)	(22,144)
Accrued interest payable	(2,615)	(1,305)	3,841
Accrued compensation	16,305	(23,402)	(15,843)
Income taxes	(18,480)	(36,692)	(76,346)
Advances on contracts	(20,822)	4,242	92,580
Other assets and liabilities	(13,563)	(44,043)	(65,134)
Net cash provided by operating activities	401,427	434,458	574,276
Cash flows from investing activities:			
Purchases of property, plant and equipment	(192,348)	(165,320)	(457,617)
Purchase of businesses, net of cash acquired*	(27,643)	(103,241)	(15,539)
Proceeds from sales of assets	22,663	2,115	24,516
Other investing activities	(4,695)	(2,914)	5,222
Net cash used by investing activities	(202,023)	(269,360)	(443,418)
Cash flows from financing activities:			
Short-term borrowings, net	(25,706)	(79,670)	65,239
Current maturities and long-term debt:			
Additions	747,213	482,493	975,393
Reductions	(821,038)	(487,171)	(996,173)
Cash dividends paid on common stock	(65,976)	(63,813)	(65,632)
Dividends paid to noncontrolling interests	(5,850)	(3,487)	(5,595)
Purchase of noncontrolling interests	(1,159)	(13,057)	—
Contributions of equity from noncontrolling interest	698	5,332	—
Common stock issued-options	997	995	1,831
Common stock acquired for treasury	—	—	(128,577)
Other financing activities	(700)	(5,705)	(2,025)
Net cash used by financing activities	(171,521)	(164,083)	(155,539)
Effect of exchange rate changes on cash	2,171	1,833	(5,816)
Net increase (decrease) in cash and cash equivalents	30,054	2,848	(30,497)
Cash and cash equivalents at beginning of period	94,184	91,336	121,833
Cash and cash equivalents at end of period	\$ 124,238	\$ 94,184	\$ 91,336
*Purchase of businesses, net of cash acquired			
Working capital, other than cash	\$ (1,918)	\$ (2,399)	\$ (263)
Property, plant and equipment	(15,600)	(68,906)	(11,961)
Other noncurrent assets and liabilities, net	(10,125)	(31,936)	(3,315)
Net cash used to acquire businesses	\$ (27,643)	\$(103,241)	\$ (15,539)

The complete financial statements for Harsco Corporation as of December 31, 2010 may be found in the Company's Form 10-K for the year ended December 31, 2010, as filed with the Securities and Exchange Commission on February 24, 2011.

Condensed Consolidated Statements of Changes in Equity

(In thousands, except share and per share amounts)	Common Stock		Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Noncontrolling Interest	Total
	Issued	Treasury					
Balances, January 1, 2008	\$138,665	\$(603,169)	\$128,622	\$1,903,049	\$ (129)	\$38,023	\$1,605,061
Net income				240,945		5,894	246,839
Cash dividends declared:							
Common @ \$0.78 per share				(64,824)			(64,824)
Noncontrolling interests						(5,595)	(5,595)
Translation adjustments, net of deferred income taxes of \$85,526					(154,572)	(2,026)	(156,598)
Cash flow hedging instrument adjustments, net of deferred income taxes of \$(7,655)					20,812		20,812
Pension liability adjustments, net of deferred income taxes of \$29,057					(74,340)		(74,340)
Marketable securities unrealized gains, net of deferred income taxes of \$38					(70)		(70)
Stock options exercised, 121,176 shares	152		3,336				3,488
Net issuance of stock – vesting of restricted stock units, 56,847 shares	108	(1,457)	(108)				(1,457)
Treasury shares repurchased, 4,463,353 shares		(128,577)					(128,577)
Amortization of unearned compensation on restricted stock units, net of forfeitures			5,233				5,233
Balances, December 31, 2008	\$138,925	\$(733,203)	\$137,083	\$2,079,170	\$(208,299)	\$36,296	\$1,449,972
Net income				118,777		6,995	125,772
Cash dividends declared:							
Common @ \$0.805 per share				(64,650)			(64,650)
Noncontrolling interests						(3,487)	(3,487)
Translation adjustments, net of deferred income taxes of \$(21,866)					96,802	262	97,064
Cash flow hedging instrument adjustments, net of deferred income taxes of \$10,849					(30,041)		(30,041)
Purchase of subsidiary shares from noncontrolling interests			(3,905)			(9,141)	(13,046)
Contributions of equity from noncontrolling interest						5,332	5,332
Pension liability adjustments, net of deferred income taxes of \$26,012					(60,150)		(60,150)
Marketable securities unrealized loss, net of deferred income taxes of \$(2)					4		4
Stock options exercised, 92,250 shares	115	(423)	1,366				1,058
Net issuance of stock – vesting of restricted stock units, 101,918 shares	194	(1,390)	(684)				(1,880)
Amortization of unearned compensation on restricted stock units, net of forfeitures			3,886				3,886
Balances, December 31, 2009	\$139,234	\$(735,016)	\$137,746	\$2,133,297	\$(201,684)	\$36,257	\$1,509,834
Net income				6,754		5,705	12,459
Cash dividends declared:							
Common @ \$0.82 per share				(66,131)			(66,131)
Noncontrolling interests						(5,850)	(5,850)
Translation adjustments, net of deferred income taxes of \$7,612					(6,430)	(203)	(6,633)
Cash flow hedging instrument adjustments, net of deferred income taxes of \$347					(700)		(700)
Purchase of subsidiary shares from noncontrolling interests			(1,003)			(156)	(1,159)
Contributions of equity from noncontrolling interest						698	698
Pension liability adjustments, net of deferred income taxes of \$(9,727)					22,872		22,872
Marketable securities unrealized loss, net of deferred income taxes of \$(7)					10		10
Stock options exercised, 115,493 shares	144	(836)	1,446				754
Net issuance of stock – vesting of restricted stock units, 69,515 shares	136	(1,254)	(188)				(1,306)
Amortization of unearned compensation on restricted stock units, net of forfeitures			3,297				3,297
Balances, December 31, 2010	\$139,514	\$(737,106)	\$141,298	\$2,073,920	\$(185,932)	\$36,451	\$1,468,145

The complete financial statements for Harsco Corporation as of December 31, 2010 may be found in the Company's Form 10-K for the year ended December 31, 2010, as filed with the Securities and Exchange Commission on February 24, 2011.

Five-Year Statistical Summary

<i>(In thousands, except per share, employee information and percentages)</i>	2010	2009 ^(a)	2008	2007 ^(b)	2006
Income Statement Information attributable to Harsco Corporation common stockholders^(c)					
Revenues from continuing operations	\$3,038,678	\$2,990,577	\$3,967,822	\$3,688,160	\$3,025,613
Income from continuing operations	10,885	133,838	245,623	255,115	186,402
Income (loss) from discontinued operations	(4,131)	(15,061)	(4,678)	44,377	9,996
Net income attributable to Harsco Corporation	6,754	118,777	240,945	299,492	196,398
Financial Position and Cash Flow Information					
Working capital	\$ 387,082	\$ 418,237	\$ 317,062	\$ 471,367	\$ 320,847
Total assets	3,469,220	3,639,240	3,562,970	3,905,430	3,326,423
Long-term debt	849,724	901,734	891,817	1,012,087	864,817
Total debt	884,932	984,927	1,012,883	1,080,794	1,063,021
Depreciation and amortization (including discontinued operations)	315,239	311,531	337,949	306,413	252,982
Capital expenditures	192,348	165,320	457,617	443,583	340,173
Cash provided by operating activities	401,427	434,458	574,276	471,740	409,239
Cash used by investing activities	(202,023)	(269,360)	(443,418)	(386,125)	(359,455)
Cash used by financing activities	(171,521)	(164,083)	(155,539)	(77,687)	(84,196)
Ratios					
Return on sales ^(d)	0.4%	4.5%	6.2%	6.9%	6.2%
Return on average equity ^{(e)(f)}	0.7%	9.1%	14.6%	18.9%	16.4%
Current ratio	1.5:1	1.6:1	1.4:1	1.5:1	1.4:1
Total debt to total capital ^{(f)(g)}	37.6%	39.5%	41.1%	40.3%	47.4%
Per Share Information attributable to Harsco Corporation common stockholders^(h)					
Basic – Income from continuing operations	\$ 0.14	\$ 1.67	\$ 2.94	\$ 3.03	\$ 2.22
– Income (loss) from discontinued operations	(0.05)	(0.19)	(0.06)	0.53	0.12
– Net income	\$ 0.08 ⁽ⁱ⁾	\$ 1.48	\$ 2.88	\$ 3.56	\$ 2.34
Diluted – Income from continuing operations	\$ 0.13	\$ 1.66	\$ 2.92	\$ 3.01	\$ 2.21
– Income (loss) from discontinued operations	(0.05)	(0.19)	(0.06)	0.52	0.12
– Net income	\$ 0.08	\$ 1.47	\$ 2.87 ⁽ⁱ⁾	\$ 3.53	\$ 2.33
Book value ^(f)	\$ 18.23	\$ 18.79	\$ 18.09	\$ 18.99	\$ 14.01
Cash dividends declared per share	\$ 0.82	\$ 0.805	\$ 0.78	\$ 0.7275	\$ 0.665
Other Information					
Diluted average number of shares outstanding ^(h)	80,761	80,586	84,029	84,724	84,430
Number of employees	19,300	19,600	21,500	21,500	21,500
Backlog from continuing operations ⁽ⁱ⁾	\$ 415,766	\$ 490,863	\$ 639,693	\$ 448,054	\$ 236,460

(a) Includes ESCO Interamerica, Ltd. acquired November 10, 2009 (Harsco Infrastructure Segment).

(b) Includes Excell Minerals acquired February 1, 2007 (Harsco Metals & Minerals Segment).

(c) 2006 income statement information is reclassified to reflect the Gas Technologies Segment as Discontinued Operations. This Segment was disposed on December 7, 2007.

(d) Return on sales is calculated by dividing income from continuing operations by revenues from continuing operations.

(e) Return on average equity is calculated by dividing income from continuing operations by average equity throughout the year.

(f) 2006 through 2008 have been restated in order to include noncontrolling interests, previously referred to as minority interests, as a component of equity in accordance with the changes to consolidation accounting and reporting issued by the Financial Accounting Standards Board January 1, 2009.

(g) "Total debt to total capital" is calculated by dividing total debt (short-term borrowings and long-term debt including current maturities) by the sum of equity and total debt.

(h) 2006 per share information is restated to reflect the 2-for-1 stock split effective in the first quarter of 2007.

(i) Does not total due to rounding.

(j) Excludes the estimated amount of long-term mill service contracts, which had estimated future revenues of \$3.5 billion, \$3.6 billion and \$4.1 billion at December 31, 2010, 2009 and 2008, respectively. Also excludes backlog of the Harsco Infrastructure Segment and the roofing granules and industrial abrasives business within the Harsco Metals & Minerals Segment. These amounts are generally not quantifiable due to the nature and timing of the products and services provided.

Board of Directors and Senior Management

(As of March 10, 2011)

Board of Directors

Salvatore D. Fazzolari

Chairman, President
and Chief Executive Officer
Harsco Corporation
Director since 2002

Kathy G. Eddy ^{1C, 3}

CPA and Founding Partner
McDonough, Eddy, Parsons & Baylous, AC
Director since 2004

David C. Everitt

President, Agriculture and Turf Division–
North America, Asia, Australia,
Sub-Saharan and South Africa,
and Global Tractor and Turf Products
Deere & Company
Director since 2010

Stuart E. Graham ^{1, 3C}

Retired Chief Executive Officer
Skanska AB
Chairman
Skanska USA
Director since 2009

Terry D. Growcock ^{2C, 3}

Retired Chairman
The Manitowoc Company
Director since 2008

Henry W. Knueppel ¹

Chairman and Chief Executive Officer
Regal Beloit Corporation
Director since 2008

James M. Loree

Executive Vice President
and Chief Operating Officer
Stanley Black & Decker
Director since 2010

D. Howard Pierce ²

Retired President
and Chief Executive Officer
ABB Inc.
Director since 2001

Andrew J. Sordoni, III ^{1, 3}

Chairman
Sordoni Construction Services, Inc.
Director since 1988

Dr. Robert C. Wilburn ²

Principal
The Wilburn Group
Director since 1986
Serves as Lead Director

Board Committees

¹ Audit Committee

² Management Development and
Compensation Committee

³ Nominating and Corporate Governance
Committee

^C Indicates Committee Chair

Senior Management

Salvatore D. Fazzolari

Chairman, President
and Chief Executive Officer

Galdino J. Claro

Executive Vice President and Group CEO
Harsco Metals and Harsco Minerals

Ivor J. Harrington

Executive Vice President and Group CEO
Harsco Infrastructure

Stephen J. Schnoor

Sr. Vice President, Chief Financial Officer
and Treasurer

Mark E. Kimmel

Sr. Vice President, Chief Administrative Officer,
General Counsel and Corporate Secretary

Scott W. Jacoby

Vice President and Group President
Harsco Rail

Scott H. Gerson

Vice President and Group President
Harsco Industrial

Douglas Eubanks

Vice President and Chief Information Officer

Michael H. Kolinsky

Vice President – Taxes

Barry E. Malamud

Vice President – Audit

Richard A. Sullivan

Vice President – Business Transformation
and Chief Supply Chain Officer

Eugene M. Truett

Vice President – Investor Relations and Credit

Richard M. Wagner

Vice President and Controller

Shareholder Information

Company News

Company information, archived news releases and SEC filings are available free of charge 24 hours a day, seven days a week via Harsco's website at www.harsco.com. Harsco's quarterly earnings conference calls and other significant investor events are posted when they occur.

Securities analysts, portfolio managers, other representatives of institutional investors and other interested parties seeking information about Harsco should contact:

Eugene M. Truett

Vice President – Investor Relations and Credit

Phone: 717.975.5677 Fax: 717.265.8152

Email: etruett@harsco.com

Annual Meeting

April 26, 2011, 10:00 am

Radisson Penn Harris Hotel and Convention Center

Camp Hill, PA 17011

Transfer Agent and Registrar

BNY Mellon

480 Washington Boulevard

Jersey City, NJ 07310-1900

Phone: 800.850.3508

www.bnymellon.com/shareowner/equityaccess

BNY Mellon maintains the records for our registered shareholders and can help you with a variety of shareholder-related services at no charge, including:

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- Transfer of stock to another person
- Additional administrative services

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Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP

Philadelphia, PA 19103

Quarterly Share Price and Dividend Information

Harsco Corporation common stock is listed on the New York Stock Exchange (NYSE) under ticker symbol HSC. At year-end 2010, there were 80,514,059 shares outstanding and approximately 18,260 stockholders.

As shown below, during 2010, the Company's common stock traded in a range of \$19.89 to \$35.31 and closed at \$28.32 at year-end. High and low per share data are as quoted on the NYSE. Four quarterly cash dividends were paid in 2010 for an annual rate of \$0.82, an increase of 3.1% from 2009. There are no significant restrictions on the payment of dividends.

		2010	2009
First Quarter	High	\$ 35.31	\$ 31.65
	Low	27.96	16.90
	Dividends Declared	0.205	0.200
Second Quarter	High	35.14	32.07
	Low	23.47	21.39
	Dividends Declared	0.205	0.200
Third Quarter	High	27.50	36.33
	Low	19.89	26.69
	Dividends Declared	0.205	0.200
Fourth Quarter	High	28.93	37.65
	Low	22.71	29.38
	Dividends Declared	0.205	0.205

Management's Certifications

The certifications of our Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act of 2002 have been filed with the Securities and Exchange Commission as exhibits to our Annual Report on Form 10-K.

In addition, in May 2010 our Chief Executive Officer provided to the New York Stock Exchange the annual Section 303A CEO certification regarding our compliance with the New York Stock Exchange's corporate governance listing standards.



Harsco Corporation World Headquarters

350 Poplar Church Road

Camp Hill, PA 17011 USA

Tel: 717.763.7064

www.harsco.com



CORPORATE CORRESPONDENCE

Rev *File*

TO D. Kennedy-Mount

FROM S. E. Baiey

SUBJECT Primary & Excess Liability Policy Information
1957 to 1993

DATE January 17, 1994

Debbie, per our recent telephone conversation attached is a copy of a summary of Harsco's primary and excess liability programs from 1957 to 1993.

Let me know if I can be of further assistance.

Thank you.

Attachment

C/IN/SEB/PEL

HARSCO CORPORATION

PRIMARY LIABILITY INSURANCE PLACEMENTS

PRIMARY LIABILITY July 1, 1957 to July 1, 1958

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 100,000/300,000	LS 6081-904311-37	Liberty Mutual Ins. Co.

PRIMARY LIABILITY July 1, 1958 to July 1, 1959

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 100,000/300,000	LS 6081-904311-38	Liberty Mutual Ins. Co.

PRIMARY LIABILITY July 1, 1959 to July 1, 1960

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 100,000/300,000	LS 6081-904311-39	Liberty Mutual Ins. Co.

PRIMARY LIABILITY July 1, 1960 to July 1, 1961

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LS 6081-004222-060	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1961 to July 1, 1962

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LSI 681-004222-061	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1962 to July 1, 1963

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LSI 681-004222-062	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1963 to July 1, 1964

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LSI 681-004222-063	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1964 to July 1, 1965

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LSI 681-004222-064	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1965 to July 1, 1966

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	LSI 681-004222-065	Liberty Mutual Ins. Co.

PRIMARY LIABILITY
July 1, 1966 to July 1, 1969

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	TRNSL 904605-66	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1969 to July 1, 1972

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000	TRNSLO 904605-69	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1972 to July 1, 1975

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 500,000/1,000,000	T-RNSLO 904605-72 T-RNSLO 904605-73 T-RNSLO 904605-74 T-RNSLO 904605-75	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1975 to July 1, 1976

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000/1,000,000	TRL NSL 134T353-075	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1976 to July 1, 1977

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1,000,000/2,000,000	TRL NSL 134T353-076	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1977 to July 1, 1978

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 3,000,000/3,000,000	TRL NSL 134T353-077	Travelers Ins. Co.

PRIMARY LIABILITY
July 1, 1978 to July 1, 1979

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD) 1 mil product liability aggregate	SCG 1033	INA

PRIMARY LIABILITY
July 1, 1979 to July 1, 1980

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L.(BI&PD) 1 mil product liability aggregate	SCG 1147	INA

PRIMARY LIABILITY
July 1, 1980 to July 1, 1981

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L.(BI&PD) 1 mil product liability aggregate	SCG 1395	INA

PRIMARY LIABILITY
July 1, 1981 to July 1, 1982

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD) 1 mil product liability aggregate	^G SCG 60003576-2 SCGG 003576-2	INA

PRIMARY LIABILITY
July 1, 1982 to July 1, 1983

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD) 1 mil product liability aggregate	SCG 60003576-2 SCGG 00037461	INA

PRIMARY LIABILITY
July 1, 1983 to July 1, 1984

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD) 1 mil product liability aggregate	SCG 003845 ^{-D/C} SCG SCG-003845	INA

PRIMARY LIABILITY
July 1, 1984 to July 1, 1985

6-30-85

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1.5 mil C.S.L. (BI&PD) 1.5 mil product liability aggregate	SCG-003845 SCGG-05674335	INA

PRIMARY LIABILITY
July 1, 1985 to July 1, 1986

6-30

6-30

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD) 5 mil product liability aggregate	SCG-60567433-5 SCGG-0625399-3	INA

PRIMARY LIABILITY
July 1, 1986 to July 1, 1987

6-30

6-30

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 2 mil C.S.L. (BI&PD) 6.5 mil product liability aggregate	SCG-606925359-3 SCGG-0692499-2	INA

PRIMARY LIABILITY
July 1, 1987 to July 1, 1988

6-30

6-30

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 3 mil C.S.L. (BI&PD) 9 mil policy aggregate	SCG-60692499-2 SCGG-0893406-A	INA

PRIMARY LIABILITY

~~July 1, 1988 to July 1, 1989~~

~~JUNE 30~~

~~JUNE 30~~

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 3 mil C.S.L. (BI&PD) 9 mil policy aggregate	SCG 60893406-A SCGG-1088333-7	CIGNA

PRIMARY LIABILITY

~~July 1, 1989 to July 1, 1990~~

~~JUNE 30~~

~~JUNE 30~~

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD)-GL 3 mil C.S.L. (BI&PD)-PL 10 mil product liability aggregate	SCG 61088333-7 SCGG-1088465-2	CIGNA

PRIMARY LIABILITY

~~July 1, 1990 to July 1, 1991~~

~~JUNE 30~~

~~JUNE 30~~

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD)-GL 3 mil C.S.L. (BI&PD)-PL 11 mil Aggregate-PL	SCGG 12885612 12885672	CIGNA

PRIMARY LIABILITY

~~July 1, 1991 to July 1, 1992~~

~~JUNE 30~~

~~JUNE 30~~

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD)-GL 3 mil C.S.L. (BI&PD)-PL 11 mil Aggregate-PL	SCGG 1288713-9 (All/Other) SCGG 12887437 (Ohio)	CIGNA

PRIMARY LIABILITY

July 1, 1990 to July 1, 1991

6-30-

6-30-

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD)-GL	SCG-610884632	CIGNA
3 mil C.S.L. (BI&PD)-PL	SCGG-12885672	
11 mil product liability aggregate		

PRIMARY LIABILITY

July 1, 1991 to July 1, 1992

6-30-

6-30-

<u>Limits</u>	<u>Policy Number</u>	<u>Carrier</u>
1. 1 mil C.S.L. (BI&PD)-GL	SCGG 1288713-9 - (A/B)	CIGNA
3 mil C.S.L. (BI&PD)-PL	SCG-61-2887139	
11 mil product liability aggregate	SCG-61-2887437	
	SCGG 12887437 (cl)	

*All policies are occurrence form.

Primary Liability

6-30-92 to 6-30-93

1 mil C.S.L. (BI&PD)-GL

3 mil C.S.L. (BI&PD)-PL

11 mil Product Liability Aggregate

15521429 (A/B)
SCGG 1288

SCGG 15521478 (Ohio)

CIGNA

Primary Liability

6-30-93 to 6-30-94

1 mil C.S.L. (BI&PD)-GL

3 mil C.S.L. (BI&PD)-PL

11 mil Prod. Liability Aggregate

SCGG 15522902 (A/B)

SCGG 15522914 (Ohio)

CIGNA

6-30-94 to 6-30-95

1 mil C.S.L. (BI&PD)-GL

3 mil C.S.L. (BI&PD)-PL

11 mil Prod. Liability Aggregate - 8-

SCGG 1552442A-Ohio

SCGG 15524418 (Ohio)

CIGNA

C/IN/RKG/PIP

Harsco Corporation

Excess Umbrella Placement July 1, 1957 to July 1, 1960

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$100,000 XS Primary	CK 1946 - Occurrence	Lloyds	7-1-57/7-1-60
\$400,000 XS \$100,000	CK 1947 - Occurrence	Lloyds	7-1-57/7-1-60
\$500,000 XS \$500,000	CK 1948 - Occurrence	Lloyds	7-1-57/7-1-60
\$1,000,000 XS \$1,000,000	K 45606 - Occurrence	Lloyds	7-1-57/7-1-60
\$2,000,000 XS \$2,000,000	K 45607 - Occurrence	Lloyds	7-1-57/7-1-60
\$1,000,000 XS \$4,000,000	K 45608 - Occurrence	Lloyds	7-1-57/7-1-60

Umbrella Excess Liability July 1, 1960 to July 1, 1963

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$1,000,000 XS Primary	XBC - Occurrence	INA	7-1-60/7-1-63
\$3,000,000 XS \$2,000,000	CL 62806 - Occurrence	Lloyds	7-1-60/7-1-63

Umbrella Excess Liability July 1, 1963 to July 1, 1966

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$1,000,000 XS Primary	L 2361 - Occurrence	Lloyds	7-1-63/7-1-66
\$3,000,000 XS \$2,000,000	L 2362 - Occurrence	Lloyds	7-1-63/7-1-66

**Umbrella Excess Liability
July 1, 1966 to July 1, 1967**

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$9,000,000 XS Primary	HEC-9-555115 - Occurrence	Home Ins. Co.	7-1-66/7-1-68

**Umbrella Excess Liability
July 1, 1967 to July 1, 1968**

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$9,000,000 XS Primary	HEC-9-555115 - Occurrence	Home Ins. Co.	7-1-66/4-1-68
\$9,000,000 XS Primary	HEC-9-559731 - Occurrence	Home Ins. Co.	4-1-68/4-1-71

**Umbrella Excess Liability
July 1, 1968 to July 1, 1969**

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$9,000,000 XS Primary	HEC-9-559731 - Occurrence	Home Ins. Co.	4-1-68/4-1-71

**Umbrella Excess Liability
July 1, 1971 to July 1, 1972**

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$9,000,000 XS Primary	HEC-9-559731 - Occurrence	Home Ins. Co.	4-1-68/7-1-72
\$10,000,000 XS \$9,000,000	CX 2861 - Occurrence	Lloyds	2-27-70/7-1-73

**Umbrella Excess Liability
July 1, 1972 to July 1, 1973**

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>	<u>Effective</u>
\$10,000,000 XS Primary	HEC-4345179 - Occurrence	Home Ins. Co.	7-1-72/7-1-75
\$10,000,000 XS Primary	CX 2861 - Occurrence	Lloyds	2-27-70/7-1-73

HARSCO CORPORATIONEXCESS UMBRELLA PLACEMENTSJuly 1, 1973 to July 1, 1976

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Primary		Home Insurance Company	100.0
\$10,000,000 Excess			
\$10,000,000	K26334	Underwriters at Lloyds	59.32
	K26334	Walbrook	4.50
		National Casualty of Detroit	5.07
		Winterthur (No. 2 A/C)	3.38
		Winterthur (No. 3 A/C)	1.69
		Argonaut Northwest	2.53
		St. Katherine	.84
		London & Edinburgh	2.92
		St. Katherine	4.50
		Dominion	4.50
		London & Edinburgh	2.54
			<u>100.0</u>

July 22, 1974 August 1, 1977

\$10,000,000 Excess			
\$20,000,000	UFL1154	Underwriters at Lloyd's	50.11
	UFL1154	Walbrook	2.56
		National Casualty	2.88
		Winterthur	2.87
		Argonaut Northwest	1.44
		St. Katherine	3.04
		London & Edinburgh	4.07
		Mutual Reinsurance	0.96
		Dominion Insurance Company	4.81
		Stronghold Insurance Company	7.22
		Turegum Insurance Company	5.78
		Terra Nova	3.85
		Excess Insurance Company	2.41
			<u>100.0</u>

HARSCO CORPORATION

February 17, 1976 to August 1, 1977

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$30,000,000	UBL0254	Underwriters at Lloyd's	10.1325
	UHL0154	Stronghold Insurance Company	6.7575
		Yasuda First Marine	3.605
		Turegum Insurance Company	2.7025
		Mentor Insurance Company (U.K.)	<u>1.8025</u>
		Lexington Insurance Company	40.00
		Transport Indemnity	<u>35.00</u>
			100.00

July 1, 1976 to August 13, 1976

\$5,000,000 Excess			
Primary	HEC9346604	Home Insurance Company	100.0

July 1, 1976 to August 1, 1976

\$5,000,000 Excess			
\$5,000,000	BC 362	First State	100.0

July 1, 1976 to July 31, 1976

\$10,000,000 Excess			
\$10,000,000	(Extension of and in same percentages as K226334, originally covering period of July 1, 1973 to July 1, 1976).		

HARSCO CORPORATION

August 13, 1976 to July 1, 1977

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$5,000,000 Excess Primary	6716661	Walbrook Insurance Company, Ltd.	15.240
		Winterthur Swiss	10.736
		Mutual Reinsurance Company, Ltd.	13.856
		St. Katherine	17.312
		London & Edinburgh	6.928
		Bermuda Fire & Marine	9.000
		Yasuda Fire & Marine	6.928
	XS3404	U.S. Fire	20.00
			<u>100.00</u>

July 31, 1976 to July 31, 1977

\$10,000,000 Excess			
\$ 5,000,000	923310	First State	33.333
	6716651	Underwriters at Lloyd's	29.9893
		Walbrook Insurance Company, Ltd.	4.9320
		Winterthur Swiss	3.4744
		Mutual Reinsurance	4.4841
		St. Katherine	5.6026
		London & Edinburgh	2.2421
		Bermuda Fire & Marine	2.9126
		Yasuda Fire & Marine	2.2422
		Turegum	2.1575
		Bellefonte	.8630
		Yasuda Fire & Marine	1.2945
		Dominion Insurance Company	6.4724
			<u>100.0000</u>

July 31, 1976 to July 1, 1978

\$ 5,000,000 Excess			
\$15,000,000	923310	First State	33.3333
	6716652	Underwriters at Lloyd's	30.1631
		Walbrook Insurance Company, Ltd.	5.8487

HARSCO CORPORATION

July 31, 1976 to July 1, 1978 (Continued)

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
		Winterthur Swiss	4.1202
		Mutual Reinsurance	5.3176
		St. Katherine	6.6439
		London & Edinburgh	2.6587
		Bermuda Fire & Marine	3.4540
		Yasuda Fire & Marine	2.6587
		Turegum Insurance Company	2.1930
		London & Edinburgh	3.5088
			<u>100.00</u>

July 1, 1977 to July 1, 1980

\$5,000,000 Excess

Primary	7716661	Walbrook Insurance Company, Ltd.	19.688
		Winterthur Swiss	12.304
		St. Katherine	15.392
		Dart Insurance Company	6.152
		Bermuda Fire & Marine	8.000
		Yasuda Fire & Marine	6.152
		Mutual Reinsurance Co., Ltd.	12.312
		Turegum Insurance Company	10.2439
		Bellefonte Insurance Company	7.8049
		Generalis	.9756
		Yasuda Fire & Marine	.9756
			<u>100.00</u>

HARSCO CORPORATION

July 1, 1977 to July 1, 1978

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$ 5,000,000	925282	First State	33.3333
	6716651	Underwriters at Lloyd's	29.9893
		Walbrook Insurance Company	4.9320
		Winterthur Swiss	3.4744
		Mutual Reinsurance	4.4841
		St. Katherine	5.6026
		London & Edinburgh	2.2421
		Bermuda Fire & Marine	2.9126
		Yasuda Fire & Marine	2.2422
		Turegum	2.1575
		Dominion Insurance Company	6.4725
		Stronghold Insurance Company	2.1575
			<u>100.00</u>

July 1, 1978 to July 1, 1979

\$10,000,000 Excess	52000296	U. S. Fire	33.3333
\$ 5,000,000	6716651	Underwriters at Lloyd's	29.9892
		Walbrook Insurance Company	4.9320
		Winterthur Swiss	3.4744
		Mutual Reinsurance	4.4841
		St. Katherine	5.6026
		London & Edinburgh	2.2421
		Bermuda Fire & Marine	2.9126
		Yasuda Fire & Marine	2.2422
		Turegum Insurance Company	2.1575
		Dominion	6.4725
		Stronghold	2.1575
			<u>100.00</u>

HARSCO CORPORATION

July 1, 1978 to July 1, 1979

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$ 5,000,000 Excess			
\$15,000,000	52000296	U. S. Fire Insurance Company	33.3333
	6716652	Underwriters at Lloyd's	33.7720
		Walbrook Insurance Company	5.8487
		Winterthur Swiss	4.1202
		Mutual Reinsurance	5.3176
		St. Katherine	6.6439
		London & Edinburgh	2.6587
		Bermuda Fire & Marine	3.4540
		Yasuda Fire & Marine	2.6587
		Turegum Insurance Company	2.1930
			<u>100.00</u>

August 1, 1977 to July 1, 1978

\$10,000,000 Excess			
\$20,000,000	520022896	U. S. Fire Insurance Company	30.0000
	7716662	Underwriters at Lloyd's	31.7021
		Stronghold Insurance Company	4.2554
		Dominion Insurance Company	4.2553
		North Atlantic Insurance Company	4.2553
		Walbrook Insurance Company	4.1889
		Winterthur Swiss	2.6179
		St. Katherine	3.2749
		Dart Insurance Company	1.3089
		Bermuda Fire & Marine	1.7021
		Yasuda Fire & Marine	1.3089
		Mutual Reinsurance	2.6196
		River Thames Insurance Company	8.5107
			<u>100.00</u>

HARSCO CORPORATION

August 1, 1977 to July 1, 1978

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$30,000,000	7716663	Underwriters at Lloyd's	28.000
		Stronghold	5.000
		Dominion Insurance Company	5.000
		Mentor Insurance Company (U.K.)	2.000
	5506572	Lexington Insurance Company	25.000
	TEL90005	Transport Insurance Company	35.00
			<u>100.00</u>

September 7, 1977 to July 1, 1978

\$ 6,000,000 Excess			
\$40,000,000	20373	Highlands Insurance Company	100.0

July 1, 1978 to July 1, 1979

\$10,000,000 Excess			
\$20,000,000	20646	Highlands Insurance Company	30.00
	8716653	Underwriters at Lloyd's	35.6140
		Dominion Insurance Company	4.9123
		Stronghold Insurance Company	4.9123
		North Atlantic Insurance Company	4.9123
		Walbrook Insurance Company	5.2326
		Winterthur Swiss	2.1202
		El Paso Insurance Company	.9883
		Dart Insurance Company	2.1202
		Bermuda Fire & Marine	2.4031
		Yasuda Fire & Marine	1.4128
		Mutual Reinsurance	1.5445
		St. Katherine	2.8274
			<u>100.0000</u>

HARSCO CORPORATION

July 1, 1978 to July 1, 1979

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$30,000,000	900090	Transport Insurance Company	35.00
	8716663	Underwriters at Lloyd's	37.0806
		Stronghold Insurance Company	4.3622
		Mentor Insurance Company (U.K.)	1.7450
		Dominion Insurance Company	4.3622
	5510788	Lexington Insurance Company	17.4500
			<u>100.00</u>

July 1, 1978 to July 1, 1979

\$ 7,000,000 Excess			
\$40,000,000	SR20647	Highlands Insurance Company	100.00

July 1, 1979 to July 1, 1980

\$15,000,000 Excess			
\$ 5,000,000	971662	Underwriters at Lloyd's	27.5654
		Dominion Insurance Company	2.9962
		Walbrook Insurance Company	5.5832
		Winterthur Swiss	2.7245
		El Paso Insurance Company	1.3612
		Mutual Reinsurance	2.4518
		Dart Insurance Company	2.7245
		Bermuda Fire & Marine	2.3155
		Compagnie Europeene D'Assurances	.4090
		Bryanston Insurance Company	1.3612
		St. Katherine Insurance Company	2.0428
		Stronghold Insurance Company	1.7977
	522007646	U.S. Fire Insurance Company	13.3330
	SR20888	Highlands Insurance Company	20.0000
	928504	First State Insurance Company	13.3330
			<u>100.000</u>

HARSCO CORPORATION

July 1, 1979 to July 1, 1980

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$20,000,000	522007647	U. S. Fire Insurance Company	30.0000
	9716663	Underwriters at Lloyd's	43.4657
		Dominion Insurance Company	4.0817
		Walbrook Insurance Company	4.3557
		Winterthur Swiss	2.1255
		El Paso Insurance Company	1.0619
		Mutual Reinsurance	1.9128
		Dart Insurance Company	2.1255
		Bermuda Fire & Marine	1.8064
		Compagnie Europeene D'Assurances	.3191
		Bryanston Insurance Company	1.0619
		St. Katherine	1.5917
		Stronghold Insurance Company	6.1221
			<u>100.00</u>

July 1, 1979 to July 1, 1980

\$10,000,000 Excess			
\$30,000,000	AEL00230	Associated International Insurance Company	35.000
	9716664	Underwriters at Lloyd's	39.3210
		Stronghold Insurance Company	4.0124
		Mentor Insurance Company (U.K.)	1.6049
		Dominion Insurance Company	4.0124
	5514646	Lexington Insurance Company	16.0493
			<u>100.0000</u>

July 1, 1979 to July 1, 1980

\$ 7,000,000 Excess			
\$40,000,000	SR20889	Highlands Insurance Company	100.0

IIARSCO CORPORATION

July 1, 1980 to July 1, 1983

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$5,000,000 Excess Primary	80DD1809C	CNA Reinsurance	11.90
		British National Life Insurance Company	8.10
		Walbrook Insurance Company	18.84
		Winterthur Swiss	11.512
		El Paso	4.592
		Mutual Reinsurance	8.272
		Dart Insurance Company	10.584
		Bermuda Fire & Marine	7.808
		Compagnie Europeene D'Assurances	1.376
		Bryanston Insurance Company, Ltd.	4.600
		St. Katherine Insurance Company	6.896
		Louisville Insurance Company	5.52
			<u>100.000</u>

July 1, 1980 to July 1, 1981

\$20,000,000 Excess \$ 5,000,000	80DD1810C	Underwriters at Lloyd's	35.8160
		North Atlantic Insurance Company	1.9440
		Dominion Insurance Company	3.8960
		Walbrook Insurance Company	6.4169
		Winterthur Swiss	3.9210
		El Paso	1.5640
		Mutual Reinsurance	2.8174
		Dart Insurance Company	3.6090
		Bermuda Fire & marine	2.6594
		Compagnie Europeenne D'Assurances	.4687
		Bryanstown Insurance Company	1.5668
		St. Katherine Insurance Company	2.3488
		Louisville Insurance Company	1.8801
		Sovereign M. G. Insurance Company	6.8080
		Stronghold Insurance Company	2.3360
		Bellefonte Insurance Company	1.9520
	522010533	International Insurance Company	10.0000
	928504	First State	<u>10.0000</u>

HARSCO CORPORATION

July 1, 1980 to July 1, 1981

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$25,000,000 Excess			
\$25,000,000	80DD1811C	Underwriters at Lloyd's	27.2826
		Dominion Insurance Company	3.1188
		North Atlantic Insurance Company	3.9008
		Stronghold Insurance Company	3.9008
	5540559	Lexington Insurance Company	7.7970
	522010534	International Insurance Company	12.0000
	AEL00414C	Associated International	14.0000
	SR21061	Highlands Insurance Company	28.0000
			<u>100.0000</u>

July 1, 1980 to July 1, 1981

\$22,000,000 Excess			
\$50,000,000	80DD1812C	Underwriters at Lloyd's	38.4825
		Sovereign M & G Insurance Company	1.9907
		Sovereign M & G Insurance Company	.6221
		Tokio M & F Insurance Company	1.8663
		Taisho M & F Insurance Company	1.2442
		Allianz International	.7465
		Storebrand Insurance Company	.4977
	SR21062	Highlands Insurance Company	13.6364
	5077656	American Excess	40.9091
			<u>99.9955</u>

July 1, 1981 to July 1, 1982

\$20,000,000 Excess			
\$ 5,000,000	PYO 29881	Underwriters at Lloyd's	30.544
		Walbrook Insurance Company	6.6873
		Winterthur Swiss	2.9249
		El Paso Insurance Company	2.2681
		Mutual Reinsurance	2.6357
		Dart Insurance Company	4.6814
		Bermuda Fire & Marine	2.3394
		Compagnie Europeene D'Assurances	.5855

HARSCO CORPORATION

July 1, 1981 to July 1, 1982 (Continued)

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
		Bryanston Insurance Company	1.4586
		Louisville Insurance Company	1.7561
		Lexington Insurance Company	3.6400
		Sovereign M & G Insurance Company	10.9040
		Stronghold Insurance Company	2.1840
		Folksam Int. Insurance Company	1.8160
		British National Life Insurance Company	1.8160
		Dominion Insurance Company	3.6400
	5220112068	International Insurance Company	10.0000
	932504	First State	10.0000
			100.0000
<u>July 1, 1981 to July 1, 1982</u>			
\$25,000,000 Excess			
\$25,000,000	PY029981	Underwriters at Lloyd's	28.0646
		Lexington Insurance Company	7.7970
		Dominion Insurance Company	3.1188
		British National Life Insurance Company	3.1188
		Stronghold Insurance Company	3.9008
	5220112086	International Insurance Company	12.0000
	XS100001	Associated International Insurance Company	14.0000
	SR21288	Highlands Insurance Company	28.0000
			100.0000
<u>July 1, 1981 to July 1, 1982</u>			
\$22,000,000 Excess			
\$50,000,000	PY0 30081	Underwriters at Lloyd's	32.7635
		Sovereign M & G Insurance Company	9.8272
		British National Life Insurance Company	1.2272
		Folksam International Insurance Company	1.3636
	SR21062	Highlands Insurance Company	13.6364
	5078662	American Excess Insurance Company	40.9091
			100.0000

IIARSCO CORPORATION

July 1, 1981 to July 1, 1982

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$25,000,000 Excess			
\$72,000,000	GMX 01285	Gibraltar Casualty Company	40.0000
	63-008-114	Northbrook E & S	60.0000
			100.0000

July 1, 1982 to July 1, 1983

\$20,000,000 Excess			
\$ 5,000,000	522028774	International Insurance Company	10.0000
	934493	First State Insurance Company	10.0000
	KY025582	Underwriters at Lloyd's	24.3680
		Walbrook Insurance Company	7.0293
		El Paso Insurance Company	3.0556
		Dart & Kraft Insurance Company	5.3494
		Louisville Insurance Company	2.2910
		Ludgate Insurance Company	1.8333
		Bermuda F & M	2.4473
		Winterthur Swiss	3.0556
		Mutual Reinsurance	2.7514
		Compagnie Europeenne D'Assurances	.6111
		Dominion Insurance Company	4.0560
		Lexington Insurance Company	4.0560
		Sovereign M & G Insurance Company	12.1840
		British National Insurance Company	2.4400
		Stronghold Insurance Company	2.4400
		Folksam Insurance Company	2.0320
			100.0000

July 1, 1982 to July 1, 1983

\$25,000,000 Excess			
\$25,000,000	KY025782	Underwriters at Lloyd's	19.4397
		Walbrook Insurance Company	1.9225
		El Paso Insurance Company	.8357
		Dart & Kraft Insurance Company	1.4631
		Louisville Insurance Company	.6266
		Ludgate Insurance Company	.5014
		Bermuda F & M	.6693

IIARSCO CORPORATION

July 1, 1982 to July 1, 1983 (Continued)

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$25,000,000 Excess			
\$25,000,000	KY025782	Winterthur Swiss	.8357
		Mutual Reinsurance	.7525
		Compagnie Europeenne D'Assurances	.1671
		Lexington Insurance Company	6.4814
		CNA Reinsurance	3.2384
		British National	
		Insurance Company	3.2384
		Dominion Insurance Company	2.5898
		Stronghold Insurance Company	3.2384
	522028028	International Insurance Company	12.0000
	SR21526	Highlands Insurance Company	28.0000
	XS100001	Associated International	14.0000
			<u>100.000</u>

July 1, 1982 to July 1, 1983

\$22,000,000 Excess			
\$50,000,000	KY025682	Underwriters at Lloyd's	23.5954
		Walbrook Insurance Company	1.7165
		El Paso Insurance Company	.7461
		Dart & Kraft Insurance Company	1.3063
		Louisville Insurance Company	.5594
		Ludgate Insurance Company	.4477
		Bermuda F & M	.5976
		Winterthur Swiss	.7461
		Mutual Reinsurance	.6719
		Compagnie Europeenne D'Assurances	.1493
		Sovereign M & G Insurance Company	8.3273
		British National Insurance Company	5.2045
		Folksam International	1.3864
	SR21527	Highlands Insurance Company	13.6364
	5093642	American Excess Insurance Company	40.9091
			<u>100.000</u>

July 1, 1982 to July 1, 1983

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$25,000,000 Excess			
\$72,000,000	GMX01783	Gibraltar Casualty Company	80.0000***
	XL06091	Atlanta International Insurance Company	20.0000*
	63-008849	Northbrook Insurance Company	60.0000**
			<u>100.000</u>

- * Effective October 21, 1982
 ** Cancelled, Effective October 21, 1982
 *** Increased from 40% to 80% October 21, 1982

July 1, 1983 to July 1, 1984

\$25,000,000 Excess Primary	XBC154147	I.N.A.	100.0000
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July 1, 1983 to July 1, 1984

\$25,000,000 Excess			
\$25,000,000	52202843	International Insurance Company	12.0000
	XS100001	Associated International	14.0000
	SR21810	Highlands Insurance Company	28.0000
	KY050083	Underwriters at Lloyd's	15.8424
		British National	3.6570
		CNA Reinsurance	3.0452
		Stronghold Insurance Company	3.0452
		Lexington Insurance Company	6.0950
		Dominion Insurance Company	4.5678
		Walbrook Insurance Company	2.4105
		El Paso Insurance Company	1.0478
		Dart & Kraft Insurance Company	1.8345
		Louisville Insurance Company	.7856
		Ludgate Insurance Company	.6287
		Bermuda F & M Insurance Company	.8393
		Winterthur Swiss	1.0478
		Mutual Reinsurance	.9436
		Compagnie Europeenne D'Assurances	.2096
			<u>100.0000</u>

HARSCO CORPORATION

July 1, 1983 to July 1, 1984

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$22,000,000 Excess			
\$50,000,000	SR21811	Highlands Insurance Company	13.6364
	KY050183	Underwriters at Lloyd's	19.9327
		British National Insurance Company	8.3082
		Sovereign M & G Insurance Company	19.9327
		Stronghold Insurance Company	4.1455
		Lexington Insurance Company	8.3082
		Dominion Insurance Company	8.3082
		Folksam International Insurance Company	2.4872
		Walbrook Insurance Company	3.6949
		El Paso Insurance Company	1.6061
		Dart & Kraft Insurance Company	2.8119
		Louisville Insurance Company	1.2042
		Ludgate Insurance Company	.9637
		Bermuda F & M	1.2864
		Winterthur Swiss	1.6061
		Mutual Reinsurance	1.4463
		Compagnie Europeenne D'Assurances	.3213
			100.0000

July 1, 1983 to July 1, 1984

\$25,000,000 Excess			
\$72,000,000	GMX02273	Gibraltar Casualty Company	80.0000
	XL06150	Atlanta International Insurance Company	20.0000
			100.0000

July 1, 1984 to July 1, 1985

\$25,000,000 Excess			
Primary	XBC154169	I.N.A.	100.0000

HARSCO CORPORATION

July 1, 1984 to July 1, 1985

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$25,000,000 Excess			
\$25,000,000	522038353	International Insurance Company	12.0000
	SR22210	Highlands Insurance Company	28.0000
	XS100001	Associated International	14.0000
	PY224584	Underwriters at Lloyd's	8.9010
		Dominion Insurance Company	7.4198
		Lexington Insurance Company	9.8946
		British National Insurance Company	3.9560
		Walbrook Insurance Company	5.5004
		Dart & Kraft Insurance Company	3.4824
		El Paso Insurance Company	1.7886
		Louisville Insurance Company	1.5829
		Ludgate Insurance Company	1.0684
		Mutual Reinsurance Company	1.6145
		Compagnie Europeenne D'Assurances	.7914
			100.0000

July 1, 1984 to July 1, 1985

\$22,000,000 Excess			
\$50,000,000	P224684	Underwriters at Lloyd's	9.4400
		Sovereign M & G Insurance Company	18.3000
		Lexington Insurance Company	9.4300
		Dominion Insurance Company	9.4300
		British National Insurance Company	4.7200
		Folksam International	2.8300
		Stronghold Insurance Company	2.8300
		Bermuda F & M	2.2000
		Brittany Insurance	1.1000
		English & American Insurance Company	12.7400
		Walbrook Insurance Company	5.9006
		Dart & Kraft Insurance Company	3.7355
		El Paso Insurance Company	1.9187

HARSCO CORPORATION

July 1, 1984 to July 1, 1985 (Continued)

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
	P224684	Louisville Insurance Company	1.6980
		Ludgate Insurance Company	1.1462
		Mutual Reinsurance	1.7320
		Compagnie Europeenne D'Assurances	.8490
			100.0000
<u>July 1, 1984 to July 1, 1985</u>			
\$25,000,000 Excess			
\$72,000,000	CDE 1001	Republic Insurance Company	68.0000
	SR 22211	Highlands Insurance Company	12.0000
	XL06276	Atlanta International	20.0000
			100.0000
<u>June 30, 1985 to June 30, 1986</u>			
\$ 5,000,000 Excess			
Primary	XBC154184	I.N.A.	100.0000
\$10,000,000 Excess			
\$ 5,000,000	ZCX008217	California Union	60.0000
	PY283786	Walbrook Insurance Company	13.9000
		Dart & Kraft Insurance Company	8.8000
		El Paso Insurance Company	4.5200
		Louisville Insurance Company	4.0000
		Ludgate Insurance Company	2.7000
		Mutual Reinsurance	4.0800
		Compagnie Europeenne	2.0000
			100.0000
\$10,000,000 Excess			
\$15,000,000	PY283885	Underwriters at Lloyd's	4.5200
		Lexington Insurance Company	7.5000
		Folksam International	1.8100
		Walbrook Insurance Company	9.4277
		Dart & Kraft Insurance Company	5.9686

HARSCO CORPORATION

June 30, 1985 to June 30, 1986 (Continued)

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess		El Paso Insurance Company	3.0657
\$15,000,000		Louisville Insurance Company	2.7130
		Ludgate Insurance Company	1.8313
		Mutual Reinsurance Company	2.7672
		Compagnie Europeenne D'Assurances	1.3565
		CNA Reinsurance	9.0400
	2520547659	International Insurance Company	10.0000
	LC05516745	St. Paul S.L.	30.0000
	40XSSG0402	Hartford A & I	10.0000
			<u>100.0000</u>
\$15,000,000 Excess			
\$25,000,000			
	XN5238WCA	Aetna Casualty & Surety	33.3333
	XCP157333	I.N.A.	31.6667
	SR22662	Highlands Insurance Company	20.0000
	PY283985	Dominion Insurance Company	2.7270
		Walbrook Insurance Company	4.2649
		Dart & Kraft Insurance Company	2.7001
		El Paso Insurance Company	1.3868
		Louisville Insurance Company	1.2273
		Ludgate Insurance Company	.8284
		Mutual Reinsurance Company	1.2518
		Compagnie Europeenne D'Assurances	.6137
			<u>100.0000</u>

HARSCO CORPORATION

June 30, 1985 to June 30, 1986

<u>Period/Limits</u>	<u>Policy Number</u>	<u>Carrier</u>	<u>Percentage Of Limits</u>
\$10,000,000 Excess			
\$40,000,000	SR22663	Highlands Insurance Company	20.0000
	XN5239WCA	Aetna Casualty & Surety	50.0000
	ZXC008218	California Union	15.0000
	PY284085	Underwriters at Lloyd's	5.0000
		Walbrook Insurance Company	3.4750
		Dart & Kraft Insurance Company	2.2000
		El Paso Insurance Company	1.1300
		Louisville Insurance Company	1.0000
		Ludgate Insurance Company	.6750
		Mutual Reinsurance	1.0200
		Compagnie Europeenne D'Assurances	.5000
			100.0000
\$10,000,000 Excess			
\$50,000,000	XN5240WCA	Aetna Casualty & Surety	100.0000

UMBRELLA EXCESS LIABILITY
June 30, 1986 to June 30, 1987

<u>Limits</u>	<u>Policy No. and Form</u>	<u>Carrier</u>
1. \$5 mil. XS primary	40HUSG3624-Occurrence	Hartford
2. \$5 mil. XS \$5 mil.	XLP606925297-Claim made	CIGNA
3. \$2.5 mil. XS \$10 mil.	2203EEC005209-Claim made	Cal-Union
4. \$2.5 mil. XS \$12.5 mil.	5528508-Claim made	Lexington
5. \$5 mil. XS \$15 mil.	CLM3076018-Claim made (\$4 mil. p/o \$5 mil.)	National Union
	MM073886-Claim made (\$1 mil. p/o \$5 mil.)	Utica Mutual
6. \$4.5 mil. XS \$20 mil.	ZIB 73,493-86-C-Claim made (\$2.5 mil. p/o \$4.5 mil.)	Zurich
	5528512-Claim made (\$1 mil. p/o \$4.5 mil.)	Lexington
	XLPG0692568-6 (\$1 mil p/o \$4.5 mil.)	CIGNA
7. \$75 mil. XS \$24.5 mil.	G039SXA-Claim made	XL Ins. Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1987 to June 30, 1988

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 5 mil XS Primary	XBC608934265 - Occurrence	CIGNA
2. 10 mil XS 5 mil	#40XSS6 6385 - Occurrence	Hartford
3. 5 mil XS 15 mil	XCPG 08934277 - Occurrence	CIGNA
4. 4.5 mil XS 20 mil	CEO 1328294 - Occurrence	Zurich Int'l
5. 75 mil XS 24.5 mil	XLUMB - 00225 - Claims Made	XL Ins. Co. Ltd.
C/IN/RKG/UEL		

UMBRELLA EXCESS LIABILITY
June 30, 1988 to June 30, 1989

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 5 mil XS Primary	X00 G10-88-3635 - Occurrence	CIGNA
2. 10 mil XS 5 mil	#40 XSST 5801 Occurrence	Hartford
3. 9.5 mil XS 15 mil	#4267001 - Occurrence	National Union
4. 75 mil XS 24.5 mil	XLUMB - 00225 - Claims Made	XL Ins. Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1989 to June 30, 1990

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	X00G1088486A - Occurrence	CIGNA
2. 5 mil XS 10 mil	40 XSS66073 - Occurrence	Hartford
3. 9.5 mil XS 15 mil	426-70-45 - Occurrence	Union
4. 75 mil XS 24.5 mil	XLUMB - 00225 - Claims Made	XL Ins Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1990 to June 30, 1991

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS of Primary	XL061288589 - Occurrence	CIGNA
2. 14.5 mil XS 10 mil	BE4266423 - Occurrence	National Union
3. 75 mil XS 24.5 mil	XLUMB - 00225 - Claims Made	XL Ins. Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1991 to June 30, 1992

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	XLOG12807401 - Occurrence	CIGNA
2. 14 mil XS of 10 mil	BE4266442 - Occurrence	National Union
3. 75 mil XS of 25 mil	XLUMB - 00225 - Claims Made	XL Ins. Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1992 to June 30, 1993

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	X00G15521569 - Occurrence	CIGNA
2. 14 mil XS of 10 mil	4266454 - Occurrence	National Union
3. 75 mil XS of 25 mil	NN500057892 - Claims Made	A.E.I.A.

UMBRELLA EXCESS LIABILITY
June 30, 1993 to June 30, 1994

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	X00G15522938 - Occurrence	CIGNA
2. 14 mil XS 10 mil	42266469 - Occurrence	National Union
3. 75 mil XS 25 mil	NR500068893 - Claims Made with Retro Date 6-30-86	A.E.I.A.
4. 100 mil XS 100 mil	XLUMB00225 - Claim ^s Made	XL

UMBRELLA EXCESS LIABILITY
June 30, 1991 to June 30, 1992

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	XLOG12807401 - Occurrence	CIGNA
2. 14 mil XS of 10 mil	BE4266442 - Occurrence	National Union
3. 75 mil XS of 25 mil	XLUMB - 00225 - Claims Made	XL Ins. Co. Ltd.

UMBRELLA EXCESS LIABILITY
June 30, 1992 to June 30, 1993

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	X00G15521569 - Occurrence	CIGNA
2. 14 mil XS of 10 mil	4266454 - Occurrence	National Union
3. 75 mil XS of 25 mil	NN500057892 - Claims Made	A.E.I.A.

UMBRELLA EXCESS LIABILITY
June 30, 1993 to June 30, 1994

<u>Limits</u>	<u>Policy # & Form</u>	<u>Carrier</u>
1. 10 mil XS Primary	X00G15522938 - Occurrence	CIGNA
2. 14 mil XS 10 mil	42266469 - Occurrence	National Union
3. 75 mil XS 25 mil	NR500068893 - Claims Made with Retro Date 6-30-86	A.E.I.A.
4. 100 mil XS 100 mil	XLUMB00225 - Claims Made	XL Ins. Co. Ltd.

C/IN/RKG/UEL

Total Insurance Coverage

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
TRNSLO90460572-						
Travelers recognizes policy						
Harsco	7/1/73 - 7/1/74	Travelers/ Travelers Ins Co	Primary	09046040 for these years (72-75).	500k/Occurrence 1M/Aggregate	No Deductible
Harsco	7/1/72 - 7/1/75	Home Insurance Company	Excess	HEC4345179	10M/Aggregate for each Annual Period xs 1M	
Harsco	7/1/73 - 7/1/75	Lloyd's/ London *	Excess	K26334/CL103675	10M/Occurrence 10M/Aggregate xs 11M	
TRNSLO90460572-						
Travelers recognizes policy						
Harsco	7/1/74 - 7/1/75	Travelers/ Travelers Ins Co	Primary	09046040 for these years (72-75).	500k/Occurrence 1M/Aggregate	No Deductible
Harsco	7/1/72 - 7/1/75	Home Insurance Company	Excess	HEC4345179	10M/Aggregate for each Annual Period xs 1M	
Harsco	7/1/73 - 7/1/75	Lloyd's/ London *	Excess	K26334/CL103675	10M/Occurrence 10M/Aggregate xs 11M	
Harsco	7/22/74 - 7/1/75	Lloyd's/ London *	Excess	881/UFL1154	10M/Occurrence 10M/Aggregate xs 21M	
Harsco	7/1/75 - 7/1/76	Travelers/ Travelers Ins Co	Primary	TRLNSL134T353075	1M/Occurrence 1M/Aggregate	100K/ Occurrence Deductible
Harsco	7/1/75 - 7/1/76	Home Insurance Company	Excess	HEC4974431	10M/Occurrence 10M/Aggregate xs 1M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/75 - 7/31/76	Lloyd's/ London *	Excess	K26334/CL103675	10M/Occurrence 10M/Aggregate xs 11M	
Harsco	7/1/75 - 7/1/77	Lloyd's/ London **	Excess	881/UFL1154	10M/occurrence 10M/Aggregate Per Year of Policy xs 21M	
Harsco	2/17/76 - 7/1/77	Lexington Ins Co	Excess	CE5503316	4M/Occurrence 4M/Aggregate xs 31M	10M/Occurrence 10M/Aggregate
Harsco	2/17/76 - 7/1/77	Lloyd's/ London *	Excess	UBL0254/UHL0254	2.5M/Occurrence 2.5M/Aggregate xs 31M	
Harsco	3/10/76 - 7/1/77	Transport Indemnity Company	Excess	TEL900090	3.5M/occurrence 3.5M/Aggregate xs 31M	
Harsco	7/1/76 - 7/1/77	Travelers/ Travelers Ins Co	Primary	TRLNSL134T353076	1M/Occurrence 1M/Aggregate 2M/Policy Agg.	250K/ Occurrence Deductible
Harsco	6/30/76 - 8/13/76	Home Insurance Company	Excess	HEC9346604	5M/Occurrence 5M/Aggregate xs1M	
Harsco	7/1/76 - 7/31/76	First State Insurance Co.	Excess	BC362	5M/Occurrence 5M/Aggregate xs 6M	
Harsco	6/30/76 - 7/31/76	Lloyd's/ London *	Excess	K26334/ CL103675	10M/Occurrence No Agg. xs 11M	
Harsco	8/13/76 - 7/1/77	Lloyd's/ London *	Excess	6716661	4M/CSL occurrence No Agg. xs 1M	5M/Occurrence
Harsco	8/13/76 - 7/1/77	Fairfax Financial/ United States Fire Insurance Co.	Excess	XS3404	1M/Occurrence No Agg. xs 1M	
Harsco	7/31/76 - 7/1/77	Lloyd's/ London *	Excess	6716651	6.67M/Occurrence 6.67M/Aggregate xs 6M	
Harsco	7/31/76 - 7/1/77	First State Insurance Co.	Excess	923310	5M/Occurrence 5M/Aggregate xs 6M	
						15M/Occurrence 15M/Aggregate

						Deductible (Primary)/ Part of Bundled Policies (Excess)
Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	
Harsco	7/31/76 - 7/1/77	Lloyd's/ London *	Excess	6716652	3.33M/Occurrence 3.33M/Aggregate xs 6M	
Harsco	7/1/75 - 7/1/77	Lloyd's/ London *	Excess	881/UFL1154	10M/occurrence 10M/Aggregate Per Year of Policy xs 21M	
Harsco	2/17/76 - 7/1/77	Lexington Insurance Co.	Excess	CE5503316	4M/Occurrence 4M/Aggregate xs 31M	10M/Occurrence 10M/Aggregate
Harsco	2/17/76 - 7/1/77	Lloyd's/ London *	Excess	UBL0254/UHL0254	2.5M/Occurrence 2.5M/Aggregate xs 31M	
Harsco	3/10/76 - 7/1/77	Transport Indemnity Company	Excess	TEL900090	3.5M/occurrence 3.5M/Aggregate xs 31M	
Harsco	7/1/77 - 7/1/78	Travelers/ Travelers Ins Co	Primary	TRLNSL134T353077	3M/Occurrence 3M/Aggregate	500K/ Occurrence Deductible
Harsco	7/1/77 - 7/1/78	Fairfax Financial/ United States Fire Insurance Co.	Excess	5200222338	500K/Occurrence 500K/Aggregate xs 3M	1M/Occurrence 1M/Aggregate
Harsco	7/1/77 - 7/1/78	Northeastern Fire Ins Co of PA	Excess	0621	250K/Occurrence 250KM/Aggregate xs 3M	
Harsco	7/1/77 - 7/1/78	INSCO/DICO Group	Excess	IS54440	200K/Occurrence 200K/Aggregate xs 3M	
Harsco	7/1/77 - 7/1/78	Bay City General Ins Co	Excess	223154	50K/Occurrence 50K/Aggregate xs 3M	
Harsco	7/1/77 - 7/1/78	Lloyd's/ London *	Excess	7716661	5M/Occurrence 5M/Aggregate xs 4M	
Harsco	7/1/77 - 7/1/78	Lloyd's/ London *	Excess	6716651	6.7M/Occurrence 6.7M/Aggregate xs 9M	15M/Occurrence 15M/Aggregate
Harsco	7/1/77 - 7/1/78	First State Insurance Co.	Excess	925282	5M/Occurrence 5M/Aggregate xs 9M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/77 - 7/1/78	Lloyd's/ London *	Excess	6716652	3.33M/Occurrence 3.33M/Aggregate xs 9M	
Harsco	7/1/77 - 8/1/77	Lloyd's/ London *	Excess	UFL1154/881	10M/Occurrence 10M/Aggregate xs 24M	
Harsco	8/1/77 - 7/1/78	Lloyd's/ London *	Excess	7716653/ 7716662	7M/Occurrence 7M/Aggregate xs 34M	
Harsco	8/1/77 - 7/1/78	Fairfax Financial/ United States Fire Insurance Co	Excess	5200222896	3M/Occurrence 3M/Aggregate xs 34M	10M/Occurrence 10M/Aggregate
Harsco	7/1/77 - 8/1/77	Lexington Insurance Co.	Excess	CE5503316	4M/Occurrence 4M/Aggregate xs 44M	10M/Occurrence 10M/Aggregate
Harsco	7/1/77 - 8/1/77	Lloyd's/ London *	Excess	UBL0254/UHL0254	2.5M/Occurrence 2.5M/Aggregate xs 44M	
Harsco	7/1/77 - 7/1/78	Transport Indemnity Company	Excess	TEL900090	3.5M/Occurrence 3.5M/Aggregate xs 44M	Used above & below as component of 10M
Harsco	8/1/77 - 7/1/78	Lloyd's/ London *	Excess	7716654/ 7716663	4M/Occurrence 4M/Aggregate xs 44M	10M/Occurrence 10M/Aggregate
Harsco	8/1/77 - 7/1/78	Lexington Insurance Co.	Excess	5506572	2.5M/Occurrence No Agg. xs 44M	
Harsco	9/7/77 - 7/1/78	Highlands Insurance Co	Excess	SR20373	6M/Occurrence 6M/Aggregate xs 54M	
Harsco	7/1/78 - 7/1/79	ACE	Primary	SCG 1033	1M/CSL (BI & PD) 1M/Product Liab Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/78 - 7/1/79	Ace INA	Excess	XPL43441	1M/Occurrence 1M/Aggregate xs 1M	
Harsco	7/1/78 - 7/1/79	Ace INA	Excess	XPL43442	1M/Occurrence 1M/Aggregate xs 2M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/78 - 7/1/80	Lloyd's/ London *	Excess	7716661	5M/Occurrence 5M/Aggregate for each Annual Period xs 3M	
Harsco	7/1/78 - 7/1/79	Lloyd's/ London *	Excess	6716651	6.7M/Occurrence 6.7M/Aggregate xs 8M	15M/Occurrence 15M/Aggregate
Harsco	7/1/78 - 7/1/79	Fairfax Financial/ United States Fire Insurance Co.	Excess	582000296	5M/Occurrence 5M/Aggregate xs 8M	
Harsco	7/1/78 - 7/1/79	Lloyd's/ London *	Excess	6716652	3.3M/Occurrence 3.3M/Aggregate xs 8M	
Harsco	7/1/78 - 7/1/79	Lloyd's/ London *	Excess	8716653/8716662	7M/Occurrence 7M/Aggregate xs 23M	10M/Occurrence 10M/Aggregate
Harsco	7/1/78 - 7/1/79	Highlands Insurance Co	Excess	SR20646	3M/Occurrence No Agg. xs 23 M	
Harsco	7/1/78 - 7/1/79	Lloyd's/ London *	Excess	8716663/8716654	4.755M/Occurrence 4.755M/Aggregate xs 33M	10M/Occurrence 10M/Aggregate
Harsco	7/1/78 - 7/1/79	Transport Indemnity Company	Excess	TEL900090	3.5M/Occurrence 3.5M/Aggregate xs 33M	
Harsco	7/1/78 - 7/1/79	Lexington Insurance Co.	Excess	5510788	1.7M/Occurrence 1.7M/Aggregate xs 33M	
Harsco	7/1/78 - 7/1/79	Highlands Insurance Co	Excess	SR20647	7M/Occurrence 7M/Aggregate xs 43M	
Harsco	7/1/79 - 7/1/80	ACE	Primary	SCG 1147	1M/CSL (BI & PD) 1M/Product Liab Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/79 - 7/1/80	Ace INA	Excess	XPL043690	1M/Occurrence 1M/CSL Agg. xs 1M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/79 - 7/1/80	Ace INA	Excess	XPL043691	1M/Occurrence 1M/CSL Agg. xs 2M	
Harsco	7/1/79 - 7/1/80	Lloyd's/ London *	Excess	7716661	5M/Occurrence 5M/Aggregate xs 3M	
Harsco	7/1/79 - 7/1/80	Lloyd's/ London *	Excess	9716662	7.9M/Occurrence 7.9M/Aggregate xs 8M	15M/Occurrence 15M/Aggregate
Harsco	7/1/79 - 7/1/80	Highlands Insurance Co	Excess	SR20888	3M/Occurrence 3M/Aggregate xs 8M	
Harsco	7/1/79 - 7/1/80	Fairfax Financial/ United States Fire Insurance Co.	Excess	522007646	1.9M/Occurrence 1.9M/Aggregate xs 8M	
Harsco	7/1/79 - 7/1/80	First State Insurance Co.	Excess	928504	2M/Occurrence 2M/Aggregate xs 8M	
Harsco	7/1/79 - 7/1/80	Lloyd's/ London *	Excess	9716663	7M/Occurrence 7M/Aggregate xs 23M	10M/Occurrence 10M/Aggregate
Harsco	7/1/79 - 7/1/80	Fairfax Financial/ United States Fire Insurance Co.	Excess	522007647	3M/Occurrence 3M/Aggregate xs 23M	
Harsco	7/1/79 - 7/1/80	Lloyd's/ London *	Excess	9716664	4.9M/Occurrence No Agg. xs 33M	10M/Occurrence 10M/Aggregate
Harsco	7/1/79 - 7/1/80	Associated International Insurance/ Markel	Excess	AEL00230C	3.5M/Occurrence No Agg. xs 33M	
Harsco	7/1/79 - 7/1/80	Lexington Insurance Co.	Excess	5514646	1.6M/Occurrence 1.6M/Aggregate xs 33M	
Harsco	7/1/79 - 7/1/80	Highlands Insurance Co	Excess	SR20889	7M/Occurrence 7M/Aggregate xs 43M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
					1M/CSL (BI & PD) 1M/Product Liab Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/80 - 7/1/81	ACE	Primary	SCG 1395		
Harsco	7/1/80 - 7/1/83	Lloyd's/ London *	Excess	80DD1809C	5M/Occurrence No Aggregate xs 1M	
Harsco	7/1/80 - 7/1/81	Lloyd's/ London *	Excess	80DD1810C/ PY157380	16M/Occurrence 16M/Aggregate xs 6M	20M/Occurrence 20M/Aggregate
Harsco	7/1/80 - 7/1/81	International Insurance Co.	Excess	522010533/ 5220109899	2M/Occurrence 2M/Aggregate xs 6M	
Harsco	7/1/80 - 7/1/81	First State Insurance Co.	Excess	930550	2M/Occurrence 2M/Aggregate xs 6M	
Harsco	7/1/80 - 7/1/81	Lloyd's/ London *	Excess	80DD1811C/ PY157480	9.55M/Occurrence 9.55M/Aggregate xs 26M	25M/Occurrence 25M/Aggregate
Harsco	7/1/80 - 7/1/81	Highlands Insurance Co	Excess	SR21061	7M/Occurrence 7M/Aggregate xs 26M	
Harsco	7/1/80 - 7/1/81	Associated International Insurance/ Markel	Excess	AEL00414C	3.5M/Occurrence 3.5M/Aggregate xs 26M	
Harsco	7/1/80 - 7/1/81	International Insurance Co.	Excess	522010534	3M/Occurrence 3M/Aggregate xs 26M	
Harsco	7/1/80 - 7/1/81	Lexington Insurance Co.	Excess	5540559	1.95M/Occurrence 1.95M/Aggregate xs 26M	
Harsco	7/1/80 - 7/1/81	Lloyd's/ London *	Excess	80DD1812C	9.99M/Occurrence 9.99M/Aggregate xs 51M	22M/occurrence 22M/Aggregate
Harsco	7/1/80 - 7/1/81	American Excess Insurance Co/ Chub	Excess	EUL5077656	9M/Occurrence 9M/Aggregate xs 51M	
Harsco	7/1/80 - 7/1/81	Highlands Insurance Co	Excess	SR21062	3M/Occurrence 3M/Aggregate xs 51M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
					1M/CSL (BI & PD) 1M/Product Liab Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/81 - 7/1/82	ACE	Primary	SCGG003576-2		
Harsco	7/1/81 - 7/1/82	INA ACE	Excess	XPL043694	1M/Occurrence 1M/Aggregate xs 1M	
Harsco	7/1/81 - 7/1/82	INA ACE	Excess	XPL043695	1M/Occurrence 1M/Aggregate xs 2M	
Harsco	7/1/81 - 7/1/82	Lloyd's/ London *	Excess	80DD1809C	5M/Occurrence 5M/Aggregate xs 3M	
Harsco	7/1/81 - 7/1/82	Lloyd's/ London *	Excess	PY029881	16M/Occurrence 16M/Aggregate xs 8M	20M/Occurrence 20M/Aggregate
Harsco	7/1/81 - 7/1/82	International Insurance Co.	Excess	5220112068	2M/Occurrence 2M/Aggregate xs 8M	
Harsco	7/1/81 - 7/1/82	First State Insurance Co.	Excess	932504	2M/Occurrence 2M/Aggregate xs 8M	
Harsco	7/1/81 - 7/1/82	Lexington Insurance Co.	Excess	PY029981	Combined with Lloyds PY029981	
Harsco	7/1/81 - 7/1/82	Lloyd's/ London *	Excess	PY029981	11.5M/Occurrence xs 28M	25M/Occurrence 25M/Aggregate
Harsco	7/1/81 - 7/1/82	Highlands Insurance Co	Excess	SR21288	7M/Occurrence 7M/Aggregate xs 28M	
Harsco	7/1/81 - 7/1/82	International Insurance Co.	Excess	5220112086	3M/Occurrence 3M/Aggregate xs 28M	
Harsco	7/1/81 - 7/1/82	Lexington Insurance Co.	Excess	PY029981	Combined with Lloyds PY029981	
Harsco	7/1/81 - 7/1/82	Associated International Insurance/ Markel	Excess	XS100001	3.5M/Occurrence xs 28M	22M/occurrence 22M/Aggregate
Harsco	7/1/81 - 7/1/82	Lloyd's/ London *	Excess	PY030081	9.999M/Occurrence 9.999M/Aggregate xs 53M	
Harsco	7/1/81 - 7/1/82	American Excess Insurance Co/ Chub	Excess	EUL5078662	9M/Occurrence 9M/Aggregate xs 53M	

						Deductible (Primary)/ Part of Bundled Policies (Excess)
Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	
Harsco	7/1/81 - 7/1/82	Highlands Insurance Co	Excess	SR21289	3M/Occurrence 3M/Aggregate xs 53M	
		Northbrook Excess and Surplus Ins Co/ Northbrook Indemnity Co.	Excess	63008114	15M/Occurrence 15M/Aggregate xs 75M	25M/Occurrence 25M/Aggregate
Harsco	7/1/81 - 7/1/82	Gibraltar Casualty Company	Excess	GMX01285	10M/Occurrence 10M/Aggregate xs 75M	
Harsco	7/1/81 - 7/1/82					
Harsco	7/1/82 - 7/1/83	ACE	Primary	SCGG00037461	1M/CSL (BI & PD) 1M/Product Liab 1M/Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/82 - 7/1/83	INA ACE	Excess	XPL043696	1M/Occurrence 1M/Aggregate xs 1M	
Harsco	7/1/82 - 7/1/83	INA ACE	Excess	XPL043697	1M/Occurrence 1M/Aggregate xs 2M	
Harsco	7/1/82 - 7/1/83	Lloyd's/ London *	Excess	80DD1809C	5M/Occurrence 5M/Aggregate xs 3M	
Harsco	7/1/82 - 7/1/83	Lloyd's/ London *	Excess	KY025582	16M/Occurrence 16M/Aggregate xs 8M	20M/Occurrence 20M/Aggregate
Harsco	7/1/82 - 7/1/83	International Insurance Co.	Excess	5220287748	2M/Occurrence 2M/Aggregate xs 8M	
Harsco	7/1/82 - 7/1/83	First State Insurance Co.	Excess	934493	2M/Occurrence 2M/Aggregate xs 8M	
Harsco	7/1/82 - 7/1/83	Lexington Insurance Co.	Excess	KY025582	Combined w/ Lloyds KY025582	
Harsco	7/1/82 - 7/1/83	Lloyd's/ London *	Excess	KY025782	11.5M/Occurrence 11.5M/Aggregate xs 28M	25M/Occurrence 25M/Aggregate
Harsco	7/1/82 - 7/1/83	Highlands Insurance Co	Excess	SR21526	7M/Occurrence 7M/Aggregate xs 28M	
Harsco	7/1/82 - 7/1/83	International Insurance Co.	Excess	5220280287	3M/Occurrence 3M/Aggregate xs 28M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/82 - 7/1/83	Lexington Insurance Co.	Excess	KY025782	Combined w/ Lloyds KY025782	
Harsco	7/1/82 - 7/1/83	Associated International Insurance/ Markel	Excess	XS100001	3.5M/Occurrence xs 28M	
Harsco	7/1/82 - 7/1/83	Lloyd's/ London *	Excess	KY025682	9.999M/Occurrence 9.999M/Aggregate xs 53M	22M/occurrence 22M/Aggregate
Harsco	7/1/82 - 7/1/83	American Excess Insurance Co/ Chub	Excess	EUL5093642	9M/Occurrence 9M/Aggregate xs 53M	
Harsco	7/1/82 - 7/1/83	Highlands Insurance Co	Excess	SR21527	3M/Occurrence 3M/Aggregate xs 53M	
Harsco	7/1/82 - 10/21/82	Northbrook Excess and Surplus Ins Co/ Northbrook Indemnity Co.	Excess	63008849	15M/Occurrence 15M/Aggregate xs 75M	25M/Occurrence 25M/Aggregate
Harsco	10/21/82 - 7/1/83	Gibraltar Casualty Company	Excess	GMX01783	10M/Occurrence 10M/Aggregate xs 75M	
Harsco	7/1/82 - 10/21/82	Gibraltar Casualty Company	Excess	GMX01783	20M/Occurrence 20M/Aggregate xs 100M	25M/Occurrence 25M/Aggregate
Harsco	10/21/82 - 7/1/83	Atlanta International Insurance Co.	Excess	XL06091	5M/Occurrence 5M/Aggregate xs 100M	

					1M/CSL (BI & PD) 1M/Product Liab Agg.	500k/ Occurrence 1M/ Product Liab Agg. Deductible
Harsco	7/1/83 - 7/1/84	ACE	Primary	SCG003845		
Harsco	7/1/83 - 7/1/84	INA ACE	Excess	XPL043883	1M/Occurrence 1M/Aggregate xs 1M	
Harsco	7/1/83 - 7/1/84	INA ACE	Excess	XPL043884	1M/Occurrence 1M/Aggregate xs 2M	
Harsco	7/1/83 - 7/1/84	INA ACE	Excess	XBC154147	25M/Occurrence 25M/Aggregate xs 3M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/83 - 7/1/84	Lloyd's/ London *	Excess	KY050083	11.5M/Occurrence 11.5M/Aggregate xs 28M	25M/Occurrence 25M/Aggregate
Harsco	7/1/83 - 7/1/84	Highlands Insurance Co	Excess	SR21810	7M/Occurrence 7M/Aggregate xs 28M	
Harsco	7/1/83 - 7/1/84	International Insurance Co	Excess	5220284832	3M/Occurrence 3M/Aggregate xs 28M	
Harsco	7/1/83 - 7/1/84	Lexington Insurance Co.	Excess	KY050083	11.5M/Occurrence 11.5M/Aggregate xs 28M	
Harsco	7/1/83 - 7/1/84	International Insurance/ Markel	Excess	XS100001	3.5M/Occurrence xs 28M	
Harsco	7/1/83 - 7/1/84	Lloyd's/ London *	Excess	KY050183	19M/Occurrence 19M/Aggregate xs 53M	22M/occurrence 22M/Aggregate
Harsco	7/1/83 - 7/1/84	Highlands Insurance Co	Excess	SR21811	3M/Occurrence 3M/Aggregate xs 53M	
Harsco	7/1/83 - 7/1/84	Lexington Insurance Co.	Excess	KY050183	19M/Occurrence 19M/Aggregate xs 53M	
Harsco	7/1/83 - 7/1/84	Gibraltar Casualty Company	Excess	GMX02273	20M/Occurrence 20M/Aggregate xs 75M	25M/Occurrence 25M/Aggregate
Harsco	7/1/83 - 7/1/84	Atlanta International Insurance Co.	Excess	XL06150	5M/Occurrence 5M/Aggregate xs 75M	
						500k/
Harsco	7/1/84 - 7/1/85	ACE	Primary	SCGG05674335	1.5M/CSL (BI & PD) 1.5M/Product Liab Agg.	Occurrence 1.5M/ Product Liab Agg. Deductible
Harsco	7/1/84 - 7/1/85	INA ACE	Excess	XPL043887	1.5M/Occurrence 1.5M/Aggregate xs 1.5M	
Harsco	7/1/84 - 7/1/85	INA ACE	Excess	XBC154169	25M/Occurrence 25M/Aggregate xs 3M	
Harsco	7/1/84 - 7/1/85	Lloyd's/ London *	Excess	PY224584	11.5M/Occurrence 11.5M/Aggregate xs 28	

						Deductible (Primary)/ Part of Bundled Policies (Excess)
Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	
Harsco	7/1/84 - 7/1/85	Highlands Insurance Co	Excess	SR22210	7M/Occurrence 7M/Aggregate xs 28	25M/Occurrence 25M/Aggregate
Harsco	7/1/84 - 7/1/85	International Insurance Co.	Excess	5220383535	3M/Occurrence 3M/Aggregate xs 28	
Harsco	7/1/84 - 7/1/85	Lexington Insurance Co.	Excess	PY224584	11.5M/Occurrence 11.5M/Aggregate xs 28	
Harsco	7/1/84 - 7/1/85	Associated International Insurance/ Markel	Excess	XS100001	3.5M/Occurrence xs 28	
Harsco	7/1/84 - 7/1/85	Lloyd's/ London *	Excess	PY224684	2.077M/Occurrence 2.077M/Aggregate xs 53	22M/occurrence 22M/Aggregate
Harsco	7/1/84 - 7/1/85	Lexington Insurance Co.	Excess	PY224684	19.923M/Occurrence 19.923M/Aggregate xs 53	
Harsco	7/1/84 - 7/1/85	Republic Insurance Company	Excess	CDE1001	17M/Occurrence 17M/Aggregate xs 75	25M/Occurrence 25M/Aggregate
Harsco	7/1/84 - 7/1/85	Atlanta International Insurance Co.	Excess	XL06276	5M/Occurrence 5M/Aggregate xs 75	
Harsco	7/1/84 - 7/1/85	Highlands Insurance Co	Excess	SR22211	3M/Occurrence 3M/Aggregate xs 75	
Harsco	6/30/85 - 6/30/86	ACE	Primary	SCGG0625359-3	1M/CSL (BI & PD) 5M/Product Liab Agg.	1M/Occurrence 5M/Product Liab Agg. Deductible
Harsco	7/1/85 - 7/1/86	INA ACE	Excess	XBC154181	5M/Occurrence 5M/Aggregate xs 5M	10M/Occurrence 10M/Aggregate
Harsco	7/1/85 - 7/1/86	California (Union) Insurance Co	Excess	ZCX008217	6M/Occurrence 6M/Aggregate xs 10M	
Harsco	7/1/85 - 7/1/86	Lloyd's/ London *	Excess	PY283785	4M/Occurrence 4M/Aggregate xs 10M	
Harsco	7/1/85 - 7/1/86	Lloyd's/ London *	Excess	PY283885	5M/Occurrence 5M/Aggregate xs 20M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
Harsco	7/1/85 - 7/1/86	St Paul Surplus Lines Ins Co	Excess	LCO5516745	3M/Occurrence 3M/Aggregate xs 20M	10M/Occurrence 10M/Aggregate
Harsco	7/1/85 - 7/1/86	International Insurance Co	Excess	5220547659	1M/Occurrence 1M/Aggregate xs 20M	
Harsco	7/1/85 - 7/1/86	Hartford Accident & Indem Co	Excess	40XSSG0402	1M/Occurrence 1M/Aggregate xs 20M	
Harsco	7/1/85 - 7/1/86	Lexington Insurance Co.	Excess	PY283885	Combined with Lloyds PY283885 above	
Harsco	7/1/85 - 7/1/86	Aetna Casualty & Surety	Excess	01XN5238WCA	5M/Occurrence 5M/Aggregate xs 30M	15M/Occurrence 15M/Aggregate
Harsco	7/1/85 - 7/1/86	INA ACE	Excess	XCP157333	4.75M/Occurrence 4.75/Aggregate xs 30M	
Harsco	7/1/85 - 7/1/86	Highlands Insurance Co	Excess	SR22662	3M/Occurrence 3M/Aggregate xs 30M	
Harsco	7/1/85 - 7/1/86	Lloyd's/ London *	Excess	PY283985	2.25M/Occurrence 2.25/Aggregate xs 30M	
Harsco	7/1/85 - 7/1/86	Aetna Casualty & Surety	Excess	01XN5239WCA	5M/Occurrence 5M/Aggregate xs 45M	10M/Occurrence 10M/Aggregate
Harsco	7/1/85 - 7/1/86	Highlands Insurance Co	Excess	SR22663	2M/Occurrence 2M/Aggregate xs 45M	
Harsco	7/1/85 - 7/1/86	California (Union) Insurance Co.	Excess	ZCX008218	1.5M/Occurrence 1.5/Aggregate xs 45M	
Harsco	7/1/85 - 7/1/86	Lloyd's/ London *	Excess	PY284085	1.5M/Occurrence 1.5/Aggregate xs 45M	
Harsco	7/1/85 - 7/1/86	Aetna Casualty & Surety	Excess	01XN5240WCA	10M/Occurrence 10M/Aggregate xs 55M	

Co.	Effective Dates	Insurance Carrier	Type	Policy Number	Limits of Liability	Deductible (Primary)/ Part of Bundled Policies (Excess)
	6/30/86 - 6/30/87	ACE	Primary	SCGG0692499-2	2M/CSL (BI & PD) 6.5M/Product Liab Agg.	2M/Occurrence 6.5M/Product Liab Agg. Deductible
Harsco	7/1/86 - 7/1/87	Hartford Insurance Group	Excess	40HUSG3624	5M/Occurrence xs 6.5M	
Harsco	7/1/86 - 7/1/87	CIGNA Insurance Co	Excess	XLP606925297	5M/Occurrence xs 11.5M	
Harsco	7/1/86 - 7/1/87	California (Union) Insurance Co.	Excess	2203EEC005209	2.5M/Occurrence xs 16.5M	
Harsco	7/1/86 - 7/1/87	Lexington Insurance Co.	Excess	5528508	2.5M/ Occurrence xs 19M	
Harsco	7/1/86 - 7/1/87	National Union Fire Ins Co PA	Excess	CLM3076018	4M/Occurrence xs 21.5M	5M/ Occurrence
Harsco	7/1/86 - 7/1/87	Utica Mutual Insurance Co	Excess	MM073886	1M/Occurrence xs 25.5M	5M/ Occurrence
Harsco	7/1/86 - 7/1/87	Zurich Insurance	Excess	ZIB73493-86-C	2.5M/Occurrence xs 26.5M	4.5M/ Occurrence
Harsco	7/1/86 - 7/1/87	CIGNA Insurance Co	Excess	XPLG06925686	1M/Occurrence xs 29M	4.5M/ Occurrence
Harsco	7/1/86 - 7/1/87	Lexington Insurance Co.	Excess	5528512	1M/Occurrence xs 30M	4.5M/ Occurrence
Harsco	7/1/86 - 7/1/87	XL Insurance Co	Excess	G039SXA	75M/Occurrence xs 31M	

<u>Policy Year</u>	<u>Policy No.</u>	<u>Limit of Liability/Aggregate</u>	<u>Self Insured Retention</u>
6-30-87/6-30-88	SCGG0893406-A	\$3 mil C.S.L. (B.I. & P.D.)/ \$9 mil policy aggregate	\$3 mil/each occurrence \$9 mil policy aggregate
6-30-88/6-30-89	SCGG1088333-7	\$3 mil C.S.L. (B.I. & P.D.)/ \$9 mil policy aggregate	\$3 mil/each occurrence \$9 mil policy aggregate
6-30-89/6-30-90	SCGG1088465-2	\$1 mil C.S.L. (B.I. & P.D.)-GL \$3 mil C.S.L. (B.I. & P.D.)/ \$10 mil aggregate - PL	\$1 mil/each occurrence-GL \$3 mil/each occurrence \$10 mil aggregate - PL
6-30-90/6-30-91	SCGG12885672	\$1 mil C.S.L. (B.I. & P.D.)-GL \$3 mil C.S.L. (B.I. & P.D.)/ \$11 mil aggregate - PL	\$1 mil/each occurrence-GL \$1 mil/each occurrence-PL (All Divisions except Patent and Sherwood) \$3 mil each occurrence-PL (Patent and Sherwood) \$11 aggregate -PL
6-30-91/6-30-92	SCGG1288713-9 (A/O) SCGG12887437 (OH)	\$1 mil C.S.L. (B.I. & P.D.)-GL \$3 mil C.S.L. (B.I. & P.D.)/ \$11 mil aggregate - PL	\$1 mil/each occurrence-GL \$1 mil/each occurrence-PL (All Divisions except Patent and Sherwood) \$3 mil each occurrence-PL (Patent and Sherwood) \$11 aggregate -PL
6-30-92/6-30-93	SCGG15521429 (A/O) SCGG15521478 (OH)	\$1 mil C.S.L. (B.I. & P.D.)-GL \$3 mil C.S.L. (B.I. & P.D.)/ \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL & PL (Patent and Sherwood) \$11 mil aggregate - P/L (All Divisions)
6-30-93/6-30-94	SCGG15522902 (A/O) SCGG15522914 (OH)	\$1 mil C.S.L. (B.I. & P.D.)-GL \$3 mil C.S.L. (B.I. & P.D.)/ \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL & PL (Patent and Sherwood) \$11 mil aggregate - P/L (All Divisions)
6-30-94/6-30-95	SCGG15524418(A/O) SCGG1552442A (OH)	\$1 mil CSL (B.I. & P.D.)-GL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL

			(Patent & Sherwood) \$11 mil aggregate - P/L (All Divisions)	
6-30-95/6-30-96	SCGG18378218(A/O) SCGG183782A (OH)	\$1 mil CSL (B.I. & P.D.)-GL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood) \$11 mil aggregate - P/L (All Divisions)	
6-30-96/6-30-97	SCGG18968873(A/S)	\$1 mil CSL (B.I. & P.D.)-GL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood) \$11 mil aggregate - P/L (All Divisions)	
6-30-97/98	HDOG 1932327-4 (All States) CGL 023545 (Canada)	\$1 mil CSL (B.I. & P.D.)-GL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate -PL	\$250,000/each occurrence-GL-PL (All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood) \$11 mil aggregate - P/L (All Divisions)	
6-30-98/99	HDOG 1931132-6	\$1 mil CSL (B.I. & P.D.)-GL (All States) CGL 023545 (Canada)	\$250,000/each occurrence-GL-PL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate –PL \$11 mil aggregate - P/L (All Divisions)	(All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood)
6-30-99/00	HDOG 1931132-6	\$1 mil CSL (B.I. & P.D.)-GL (All States) CGL 023545 (Canada)	\$250,000/each occurrence-GL-PL \$3 mil CSL (B.I. & P.D.) \$11 mil aggregate –PL \$11 mil aggregate - P/L	(All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood)
6-30-00/01	HDOG 1989682-1	\$1 mil CSL (B.I. & P.D.)-GL	\$500,000/each occurrence-GL-PL	

		(All States) CGL 023545 (Canada) 41 PRB 6374 (Puerto Rico)	\$3 mil CSL (B.I. & P.D.) \$11 mil aggregate –PL \$11 mil aggregate - P/L	(All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood)
6-30-01/02	HDOG 2057703-4	\$1 mil CSL (B.I. & P.D.)-GL (All States) CGL 023545 (Canada) 41 PRB 0200219 (Puerto Rico)	\$500,000/each occurrence-GL-PL \$3 mil CSL (B.I. & P.D.) \$19 mil aggregate –PL \$19 mil aggregate - P/L	(All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood)
6-30-02/03	HDOG 2058631A	\$1 mil CSL (B.I. & P.D.)-GL (All States) CGL 023545 (Canada) 4128 PRB 200410-3 (PR) (Puerto Rico)	\$500,000/each occurrence-GL-PL \$3 mil CSL (B.I. & P.D.) \$20 mil aggregate –PL \$20 mil aggregate - P/L	(All Divisions except Patent and Sherwood) \$1 mil/each occurrence GL \$2 mil/each occurrence-PL (Patent & Sherwood)
6-30-03/04	HDOG 21737616	\$5 mil /occ/agg - GL (All States) CGL 023545 (Canada) 08-41-PR-0200656-3/000 (Puerto Rico)	\$3,000,000/each occurrence-GL-PL \$5 mil/occ/\$20 mil agg – PL	(All Divisions) \$20 mil aggregate - P/L
6-30-04/05	HDOG 2170748A	\$5 mil /occ/agg - GL (All States) CGL 023545 (Canada) 41-PR-200120	\$3,000,000/each occurrence-GL-PL \$5 mil/occ/\$20 mil agg – PL	(All Divisions) \$20 mil agg (Puerto Rico)
6-30-05/06	HDOG 2171785A	\$5 mil /occ/agg - GL (All States) CGL 023545 (Canada) 0841PR02006565	\$3,000,000/each occurrence-GL-PL \$5 mil/occ/\$20 mil agg – PL	(All Divisions) \$20 mil agg (Puerto Rico)
6-30-06/07	HDOG 21725572	\$5 mil /occ/agg - GL (All States) CGL 023545 (Canada) 0841PR02006565	\$3,000,000/each occurrence-GL-PL \$5 mil/occ/\$20 mil agg – PL	(All Divisions) \$20 mil agg (Puerto Rico)

6-30-07/08	HDOG 23726622	\$5 mil/occ/agg – GL (All States) CGL 023545 (Canada)	\$3,000,000/each occurrence – GL-PL	(All Divisions)
		0841 PR 0200656 (Puerto Rico)	\$5 mil/occ/\$20 mil agg – PL	\$20 mil aggregate - PL
6-30-08/09	HDOG23727225	\$5 mil/occ/agg – GL (All States) CGL 023545 (Canada)	\$3,000,000/each occurrence – GL-PL	(All Divisions)
			\$5 mil/occ/\$20 mil agg – PL	
6-30-09/10	HDOG24930294	\$5 mil/occ/agg – GL (All States) CGL 023545 (Canada)	\$3,000,000/each occurrence – GL-PL	(All Divisions)
			\$5 mil/occ/\$20 mil agg – PL	
6-30-10/11	HDOG24941516	\$5 mil/occ/agg – GL (All States) CGL 023545 (Canada)	\$3,000,000/each occurrence – GL-PL	(All Divisions)
			\$5 mil/occ/\$20 mil agg – PL	
6-30-11/12	HDOG25528414	\$5 mil/occ/agg – GL (All States) CGL 023545 (Canada)	\$3,000,000/each occurrence – GL-PL	(All Divisions)
			\$5 mil/occ/\$20 mil agg – PL	